



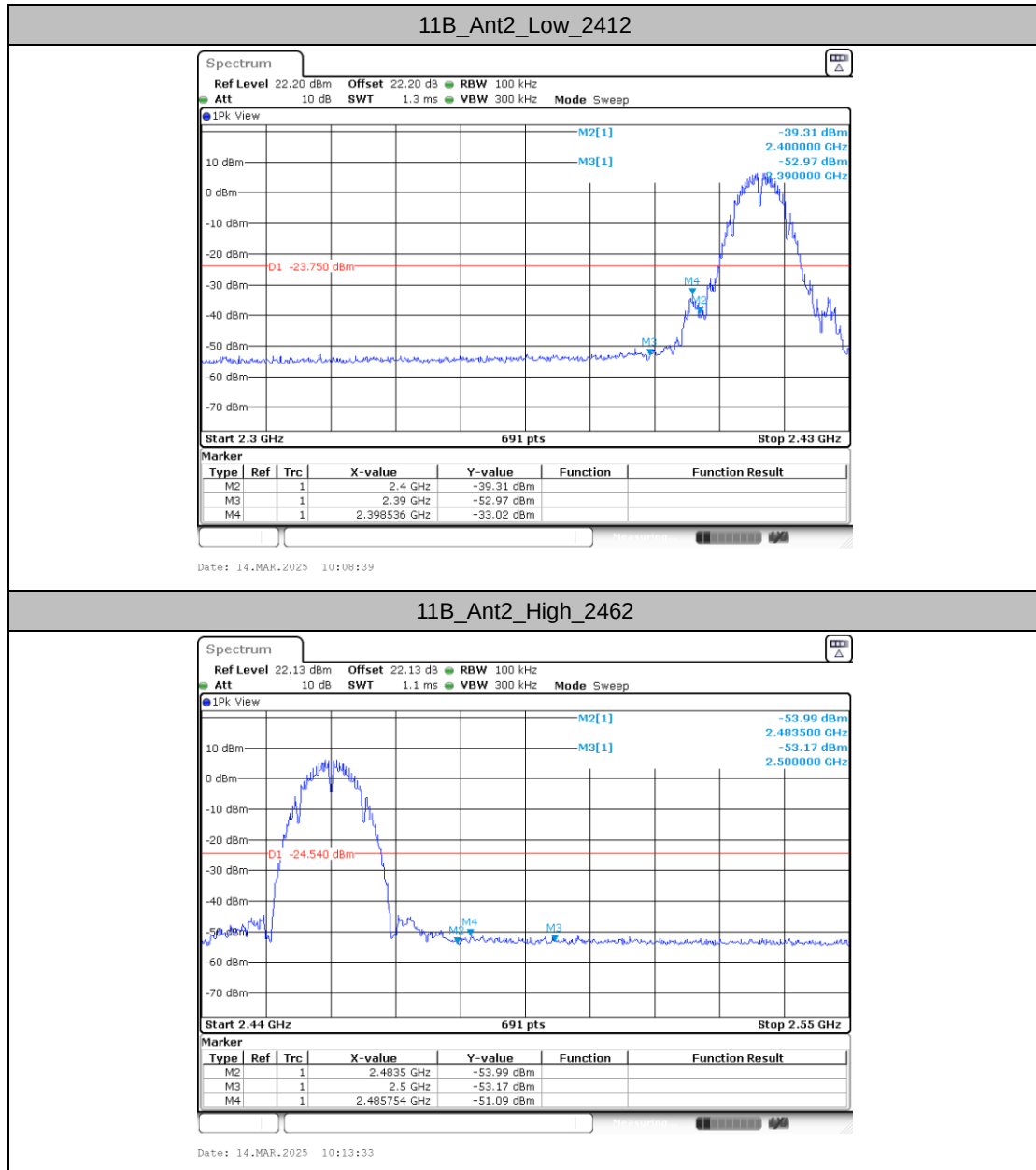
Band edge measurements

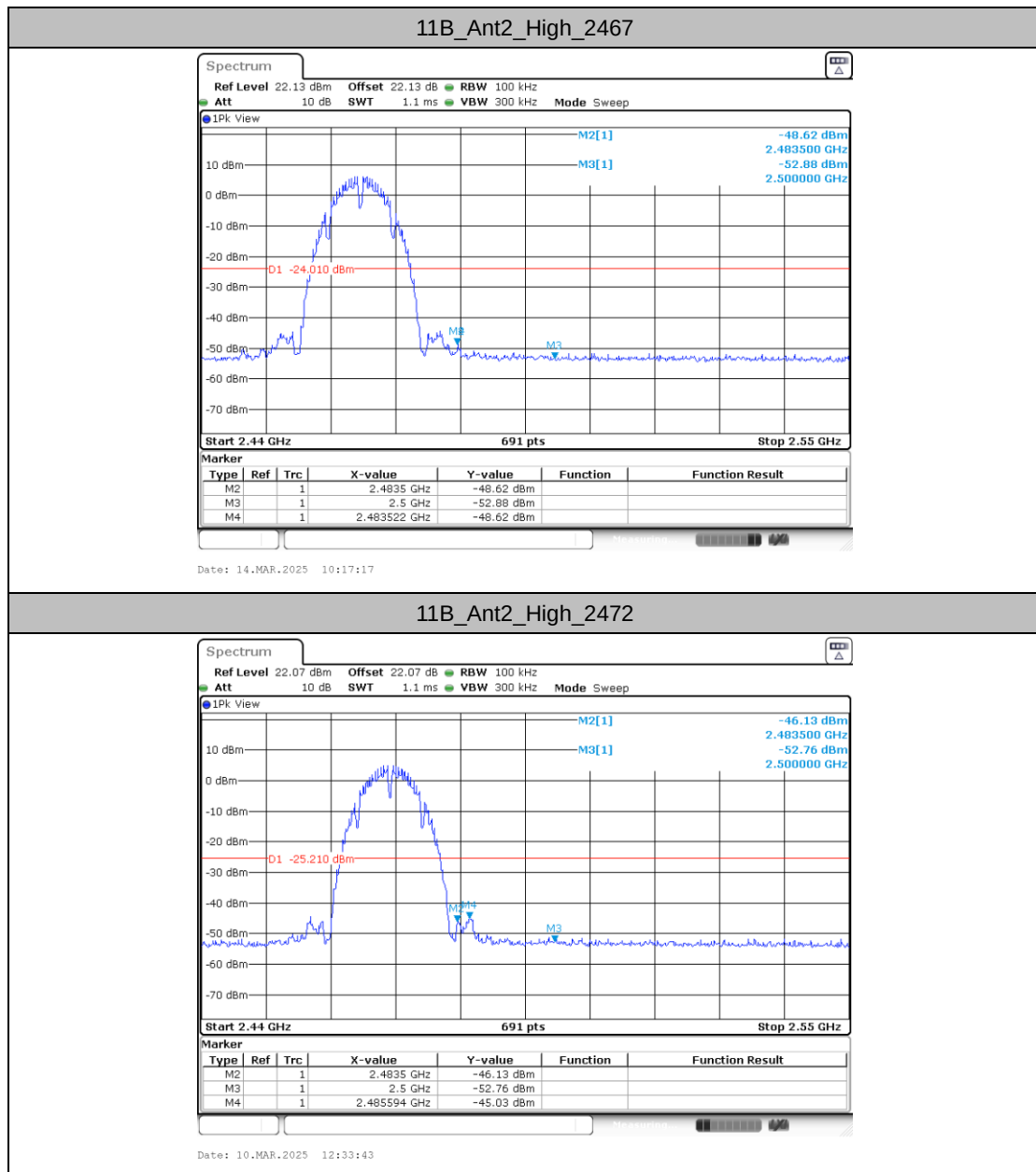
Test Result

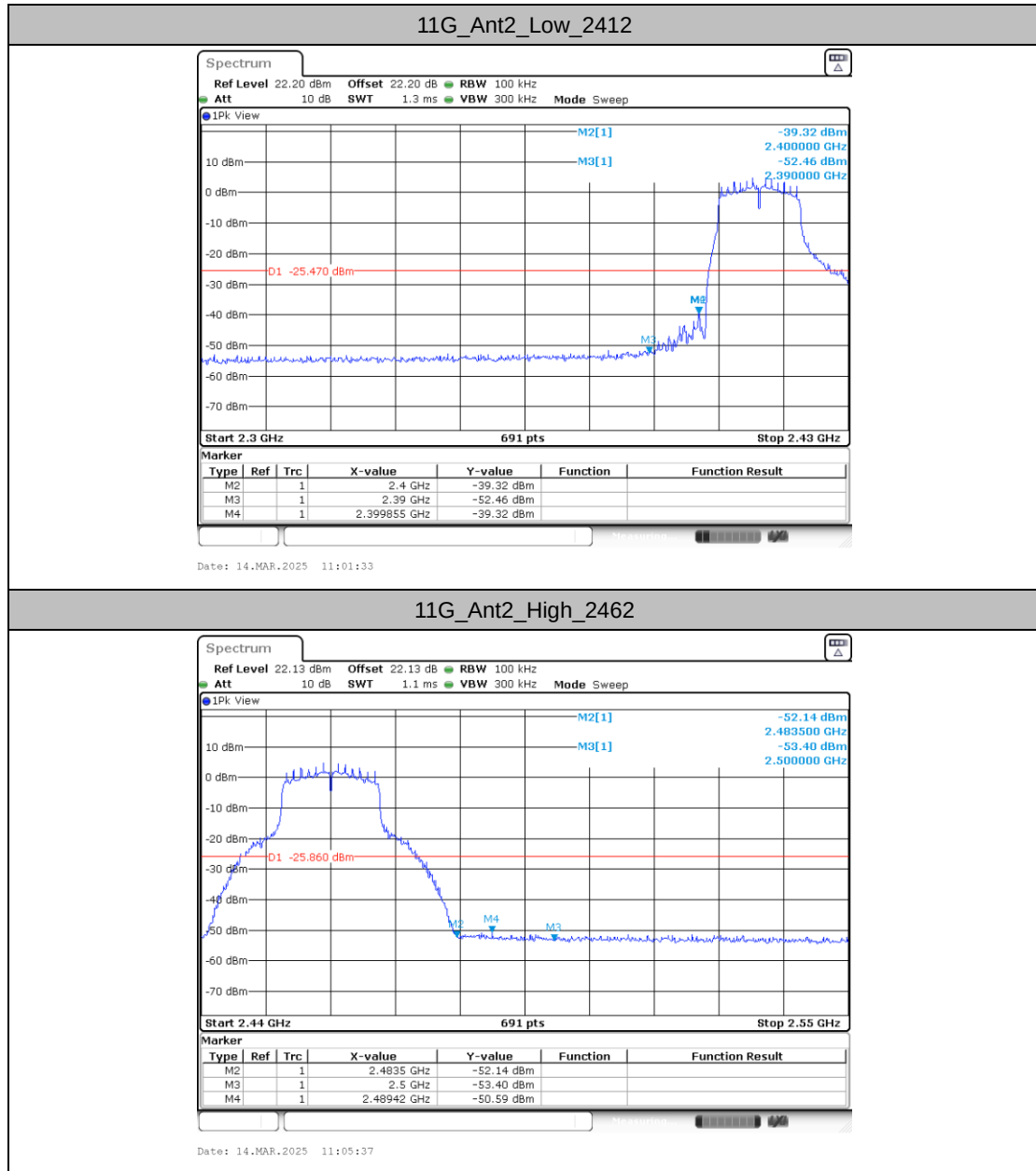
TestMode	Antenna	Channel Name	Freq(MHz)	RefLevel[dBm/100KHz]	Result[dBm/100KHz]	Limit[dBm/100KHz]	Verdict
11B	Ant2	Low	2412	6.25	-33.02	≤-23.75	PASS
		High	2462	5.46	-51.09	≤-24.54	PASS
			2467	5.99	-48.62	≤-24.01	PASS
			2472	4.79	-45.03	≤-25.21	PASS
11G	Ant2	Low	2412	4.53	-39.32	≤-25.47	PASS
		High	2462	4.14	-50.59	≤-25.86	PASS
			2467	4.18	-46.41	≤-25.82	PASS
			2472	-2.90	-45	≤-32.9	PASS
11N20SISO	Ant2	Low	2412	4.30	-39.67	≤-25.7	PASS
		High	2462	4.30	-50.12	≤-25.7	PASS
			2467	4.07	-46.5	≤-25.93	PASS
			2472	-1.84	-43.26	≤-31.84	PASS
11AX20SISO	Ant2	Low	2412	4.52	-41.34	≤-25.48	PASS
		High	2462	4.09	-50.21	≤-25.91	PASS
			2467	4.16	-46.63	≤-25.84	PASS
			2472	-2.01	-43.9	≤-32.01	PASS

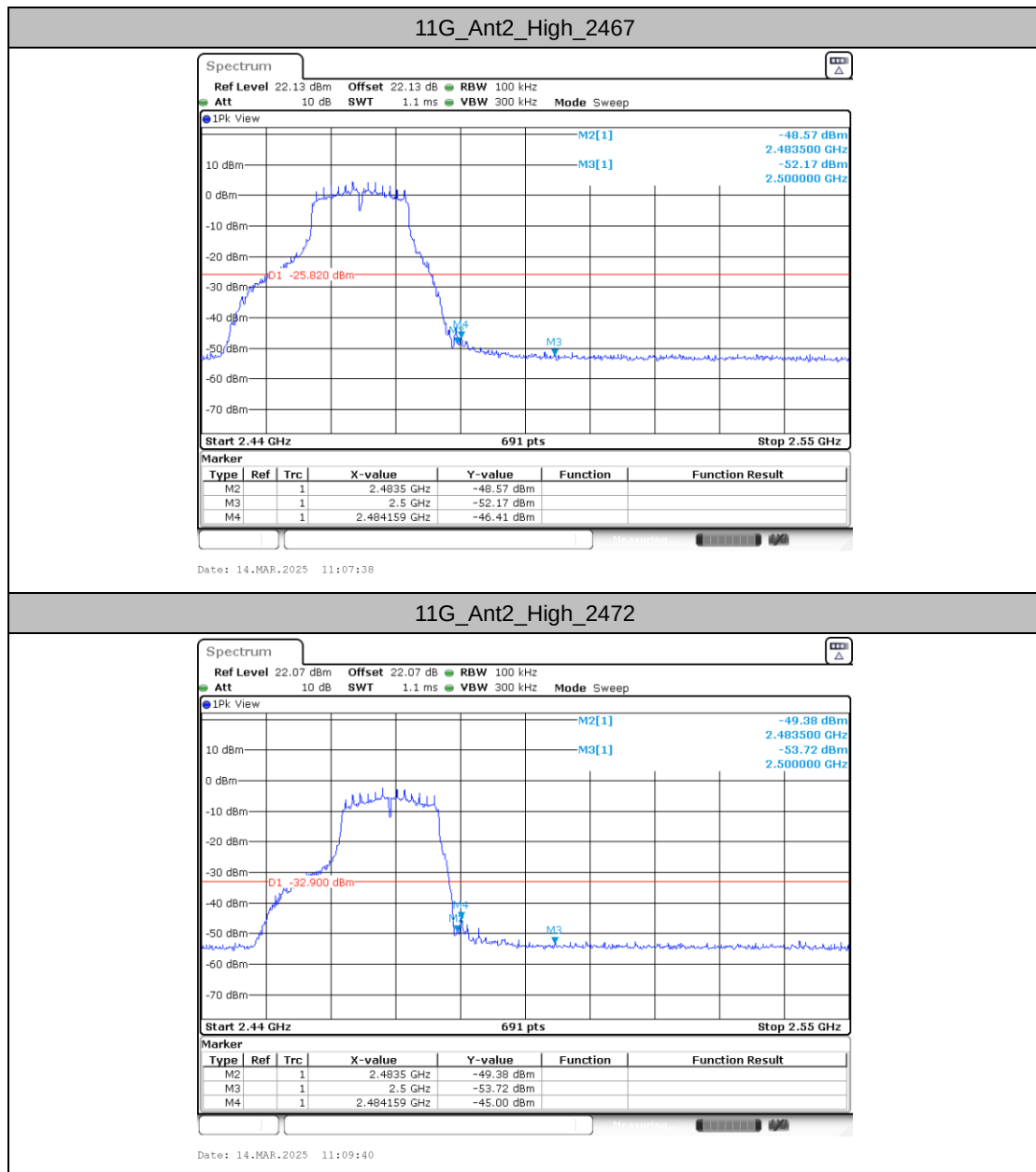


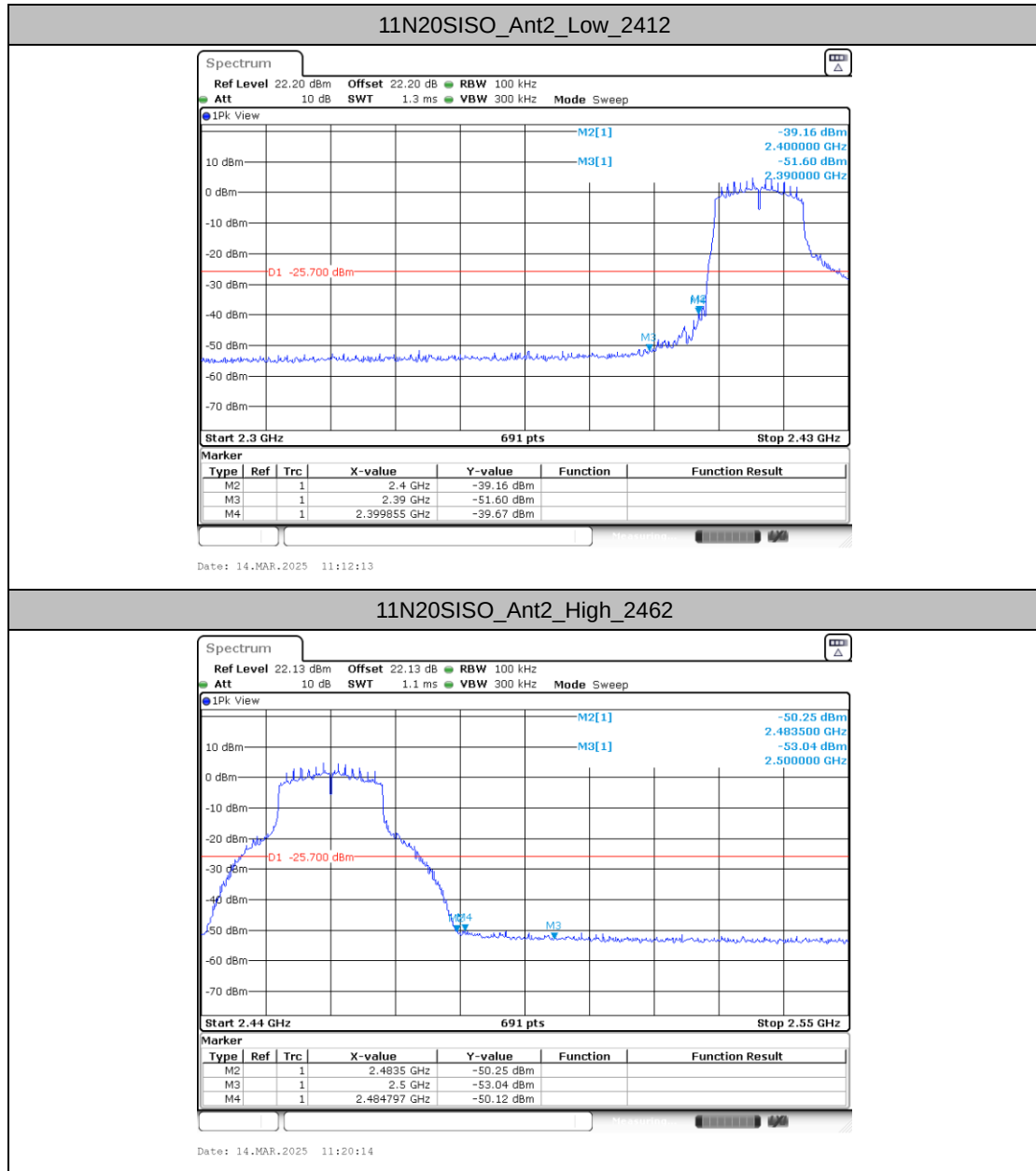
Test Graphs

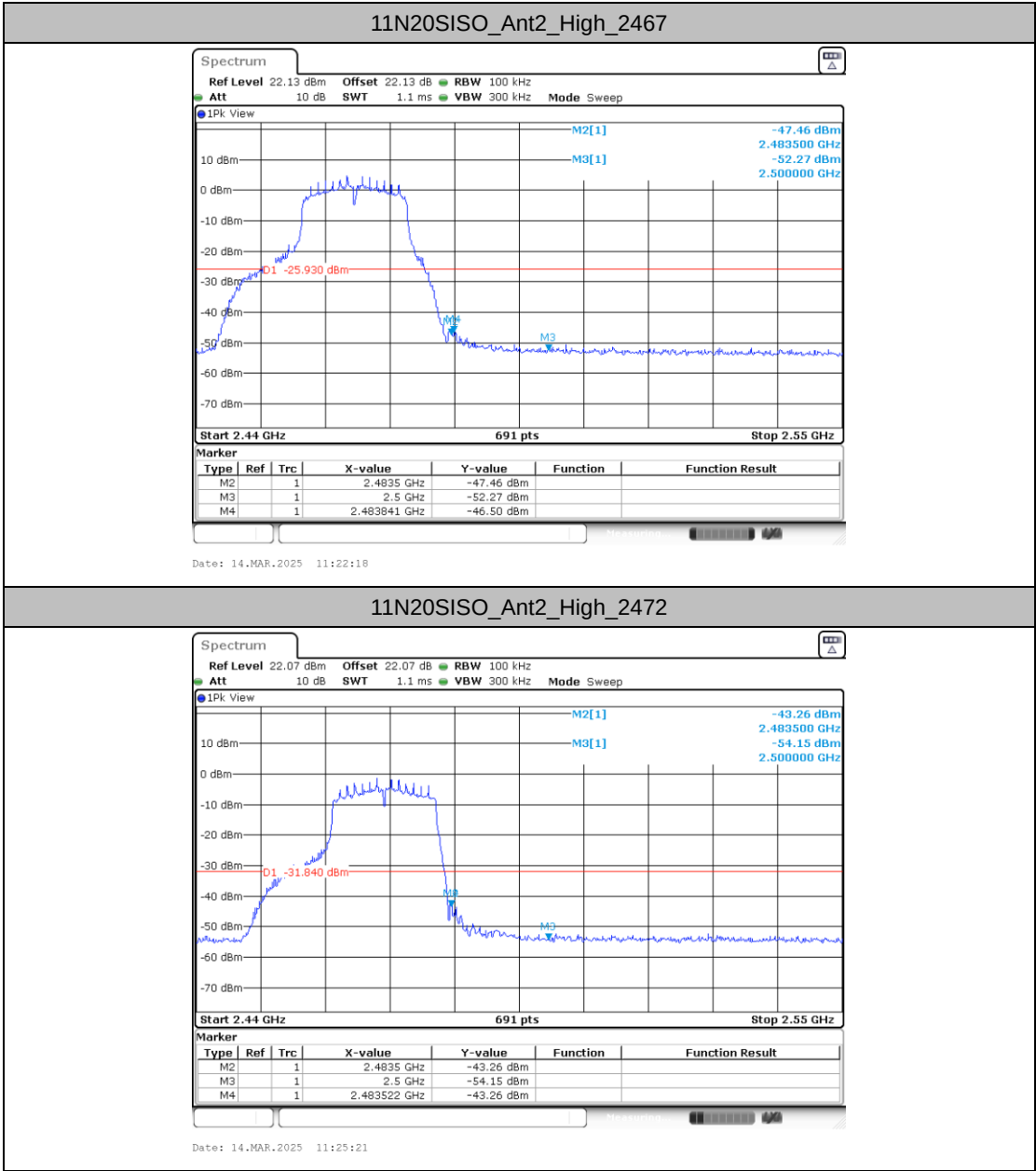


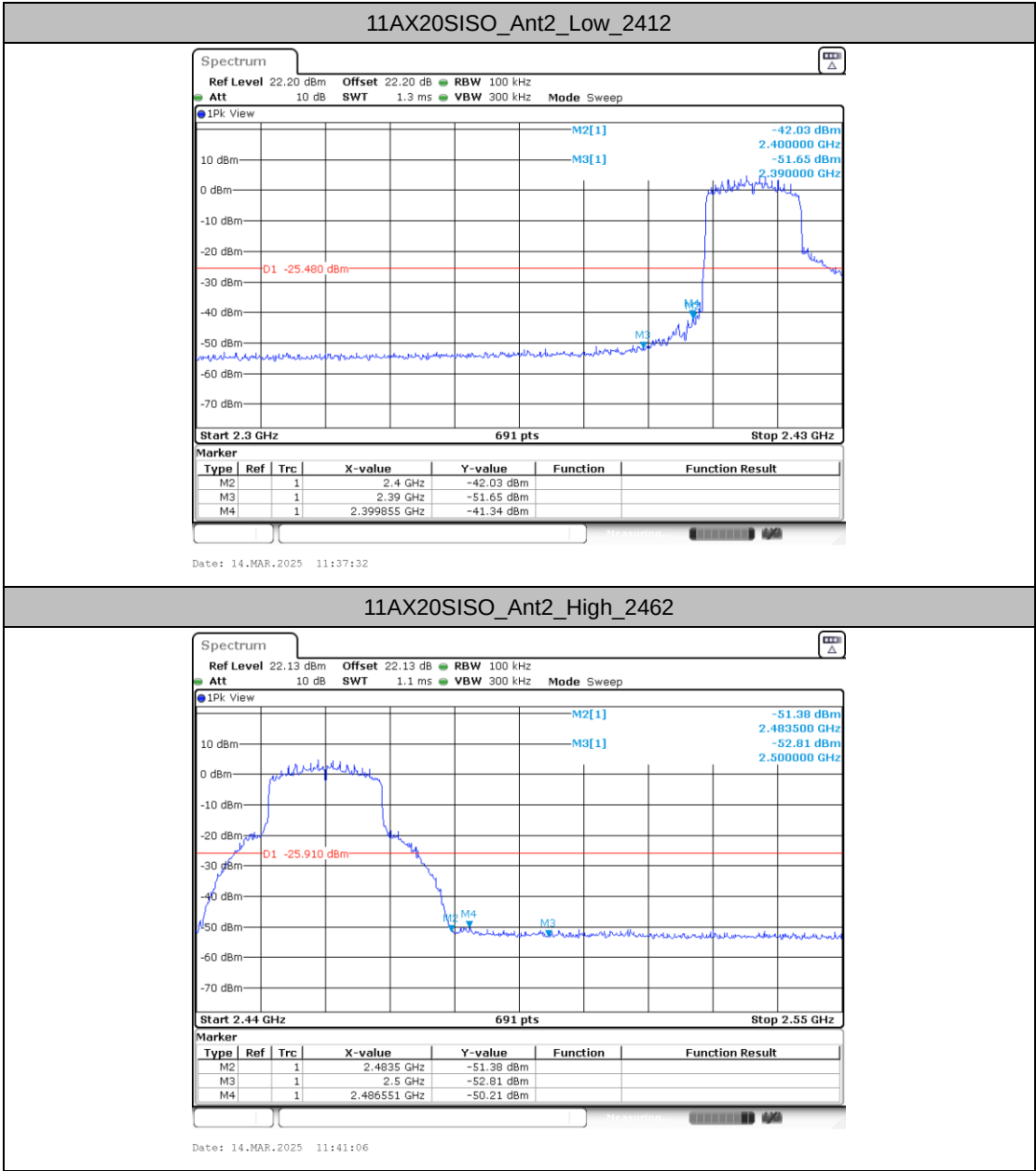


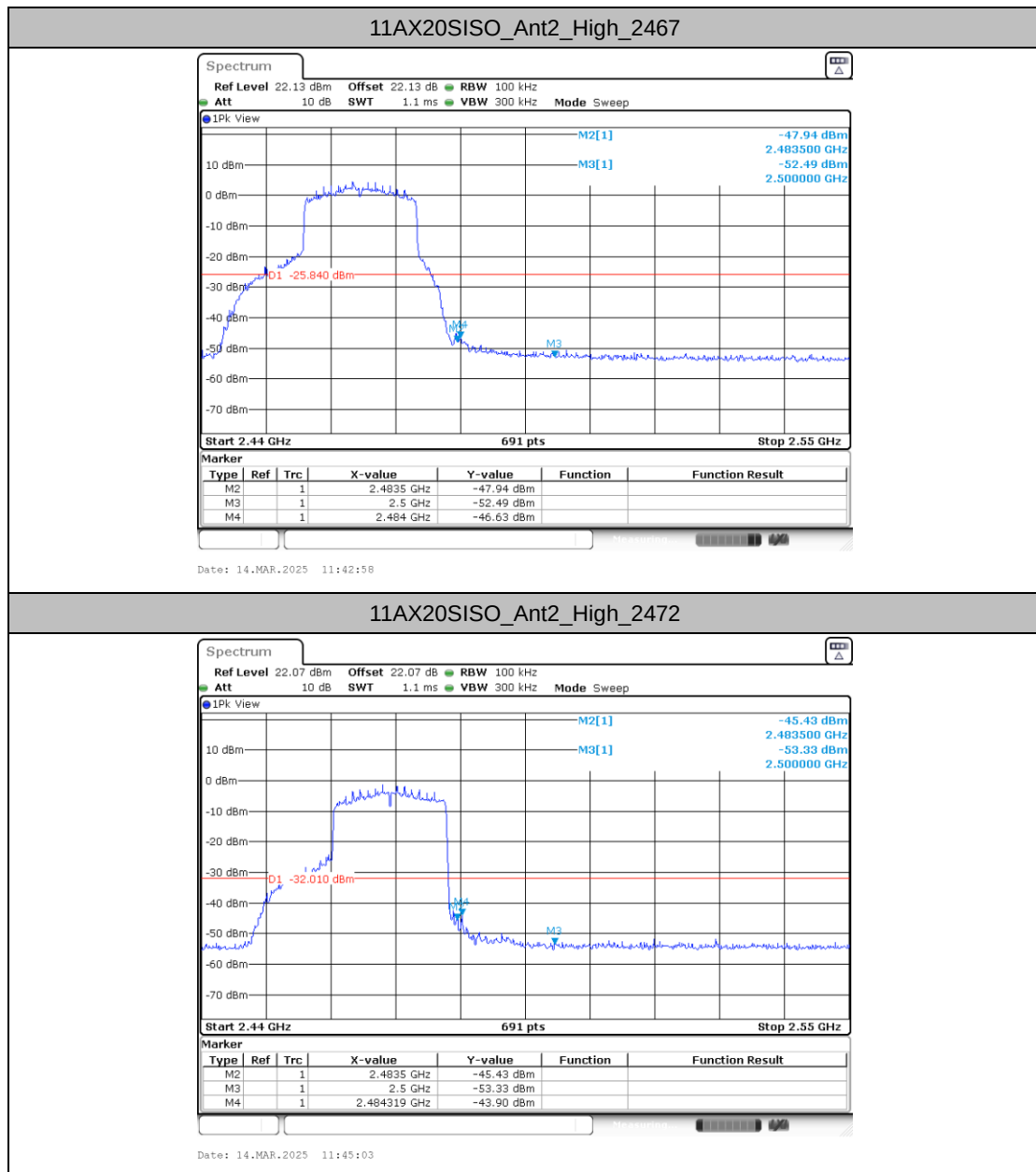














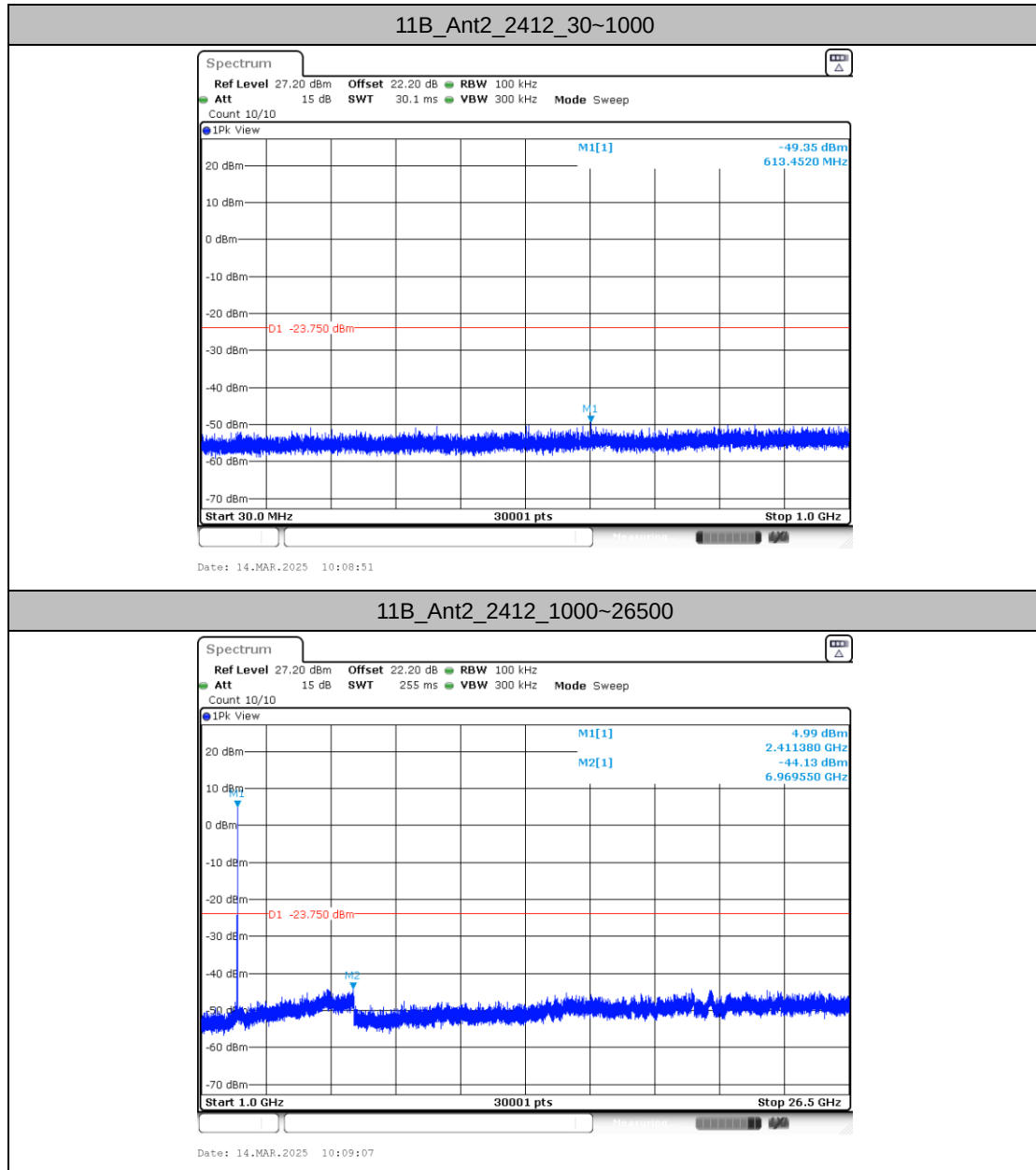
Conducted Spurious Emission

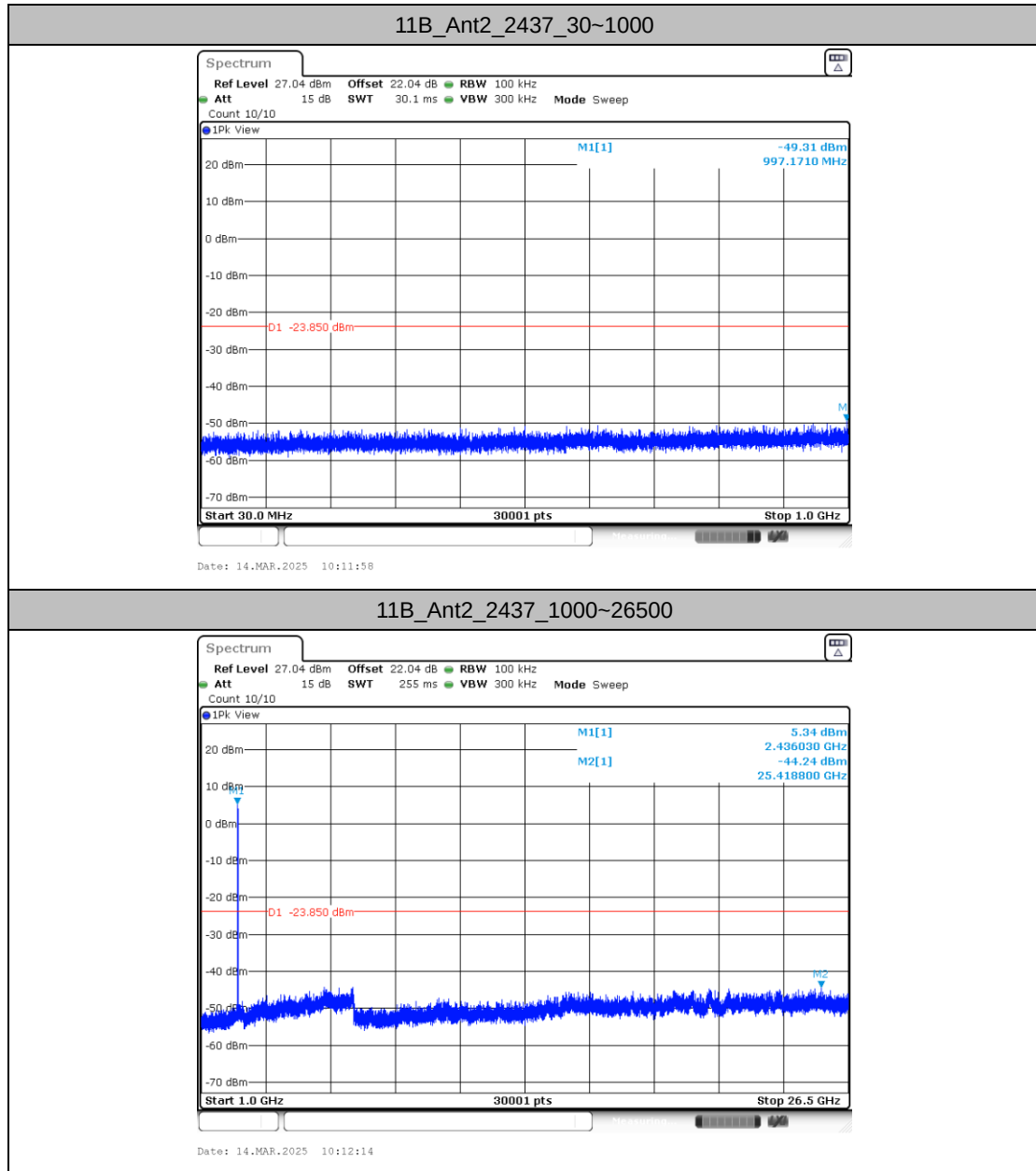
Test Result

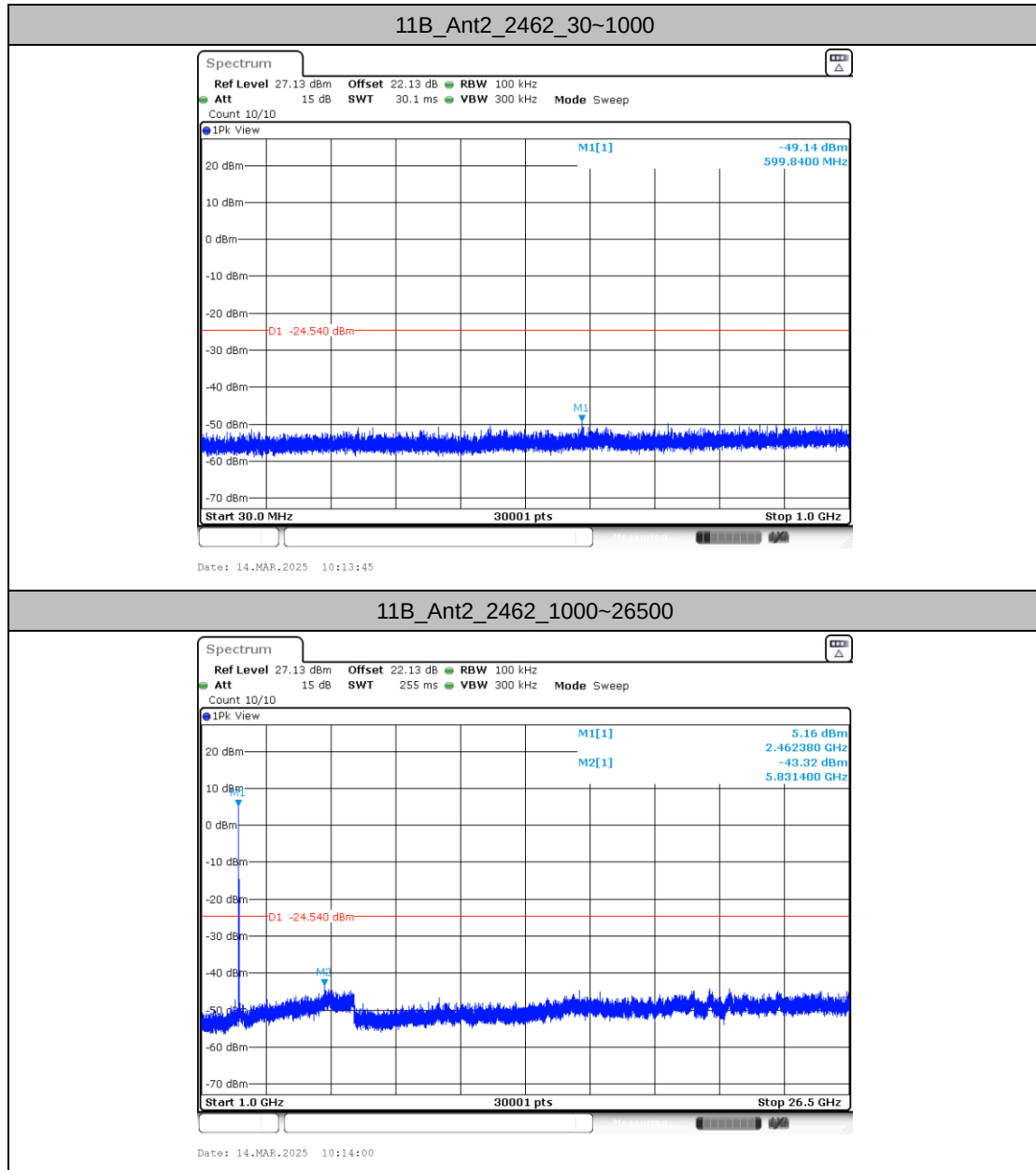
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B	Ant2	2412	30~1000	6.25	-49.35	≤-23.75	PASS
			1000~26500	6.25	-44.13	≤-23.75	PASS
		2437	30~1000	6.15	-49.31	≤-23.85	PASS
			1000~26500	6.15	-44.24	≤-23.85	PASS
		2462	30~1000	5.46	-49.14	≤-24.54	PASS
			1000~26500	5.46	-43.32	≤-24.54	PASS
		2467	30~1000	5.99	-49.84	≤-24.01	PASS
			1000~26500	5.99	-44.06	≤-24.01	PASS
	Ant2	2412	30~1000	4.53	-49.84	≤-25.47	PASS
			1000~26500	4.53	-43.7	≤-25.47	PASS
		2437	30~1000	4.48	-49.32	≤-25.52	PASS
			1000~26500	4.48	-43.57	≤-25.52	PASS
		2462	30~1000	4.14	-49.3	≤-25.86	PASS
			1000~26500	4.14	-44.19	≤-25.86	PASS
		2467	30~1000	4.18	-49.6	≤-25.82	PASS
			1000~26500	4.18	-44.05	≤-25.82	PASS
	Ant2	2412	30~1000	-2.90	-49.9	≤-32.9	PASS
			1000~26500	-2.90	-43.79	≤-32.9	PASS
		2437	30~1000	-2.90	-43.79	≤-32.9	PASS
			1000~26500	-2.90	-43.79	≤-32.9	PASS
		2462	30~1000	-2.90	-43.79	≤-32.9	PASS
			1000~26500	-2.90	-43.79	≤-32.9	PASS
		2467	30~1000	-2.90	-43.79	≤-32.9	PASS
			1000~26500	-2.90	-43.79	≤-32.9	PASS
11N20SISO	Ant2	2412	30~1000	4.30	-49.47	≤-25.7	PASS
			1000~26500	4.30	-42.63	≤-25.7	PASS
		2437	30~1000	4.38	-49.93	≤-25.62	PASS
			1000~26500	4.38	-44.34	≤-25.62	PASS
		2462	30~1000	4.30	-49.68	≤-25.7	PASS
			1000~26500	4.30	-43.6	≤-25.7	PASS
		2467	30~1000	4.07	-49.63	≤-25.93	PASS
			1000~26500	4.07	-43.87	≤-25.93	PASS
11AX20SISO	Ant2	2412	30~1000	-1.84	-49.38	≤-31.84	PASS
			1000~26500	-1.84	-44.52	≤-31.84	PASS
		2437	30~1000	-1.84	-44.52	≤-31.84	PASS
			1000~26500	-1.84	-44.52	≤-31.84	PASS
		2462	30~1000	-1.84	-44.52	≤-31.84	PASS
			1000~26500	-1.84	-44.52	≤-31.84	PASS
		2467	30~1000	-1.84	-44.52	≤-31.84	PASS
			1000~26500	-1.84	-44.52	≤-31.84	PASS

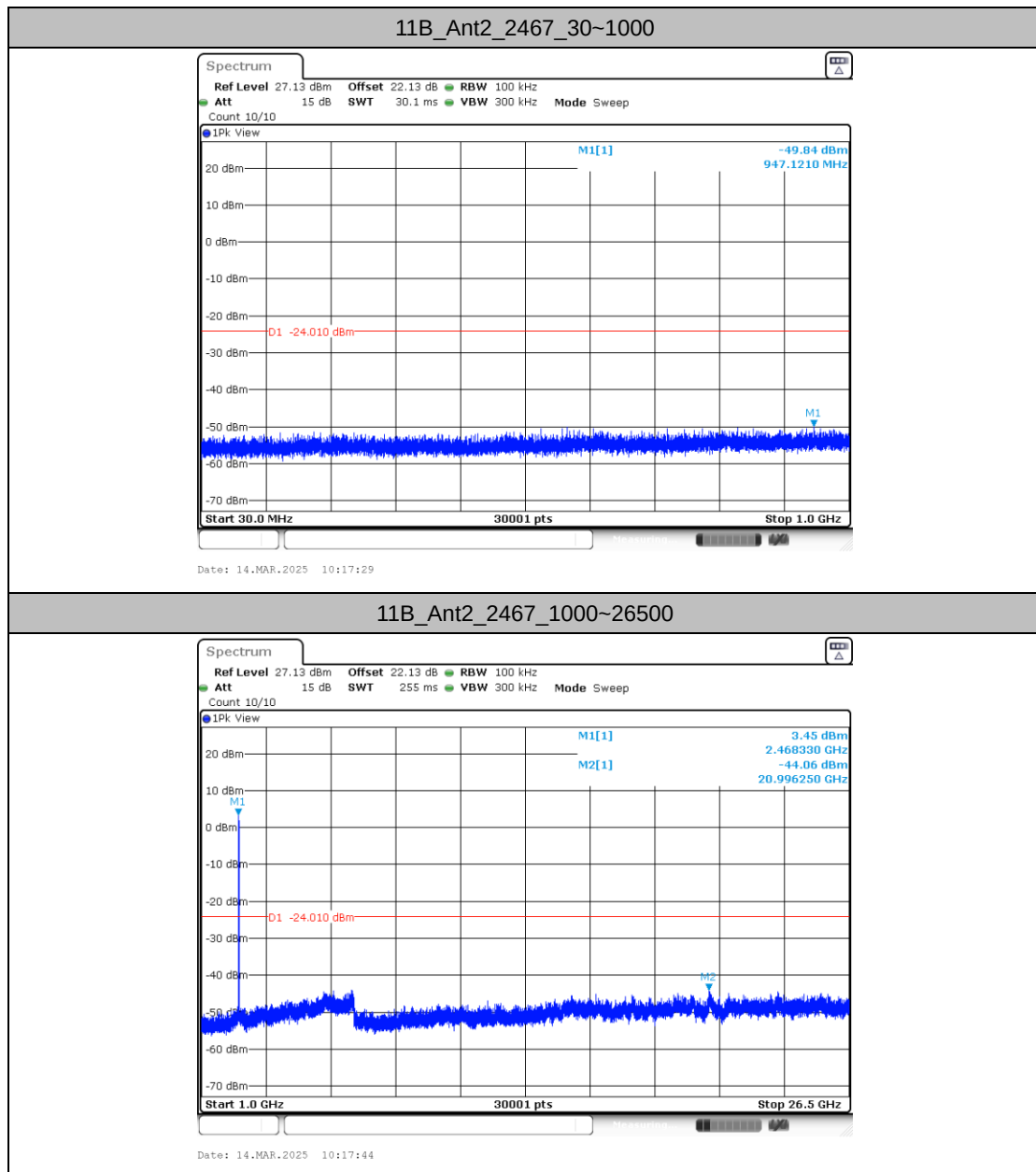


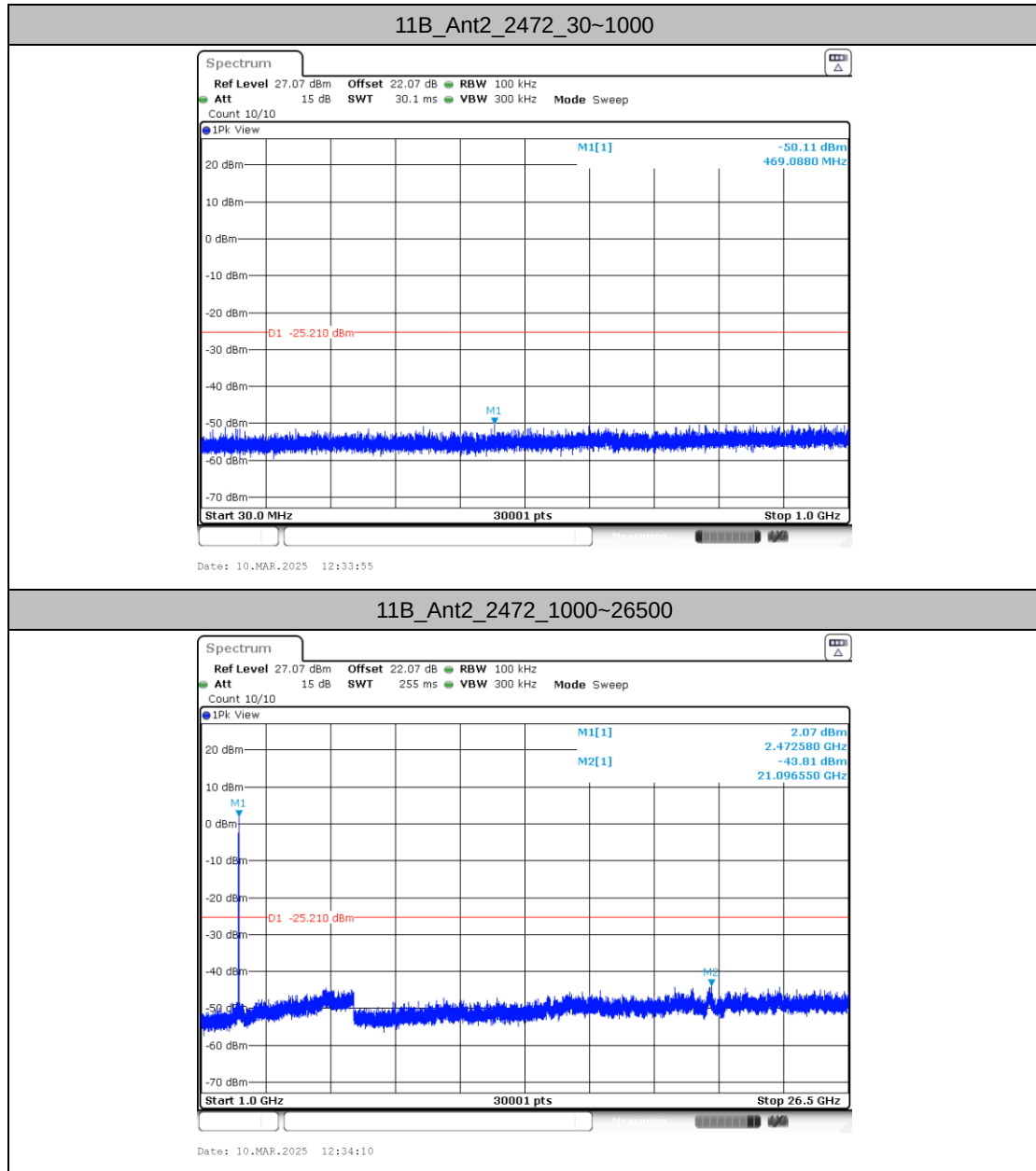
Test Graphs

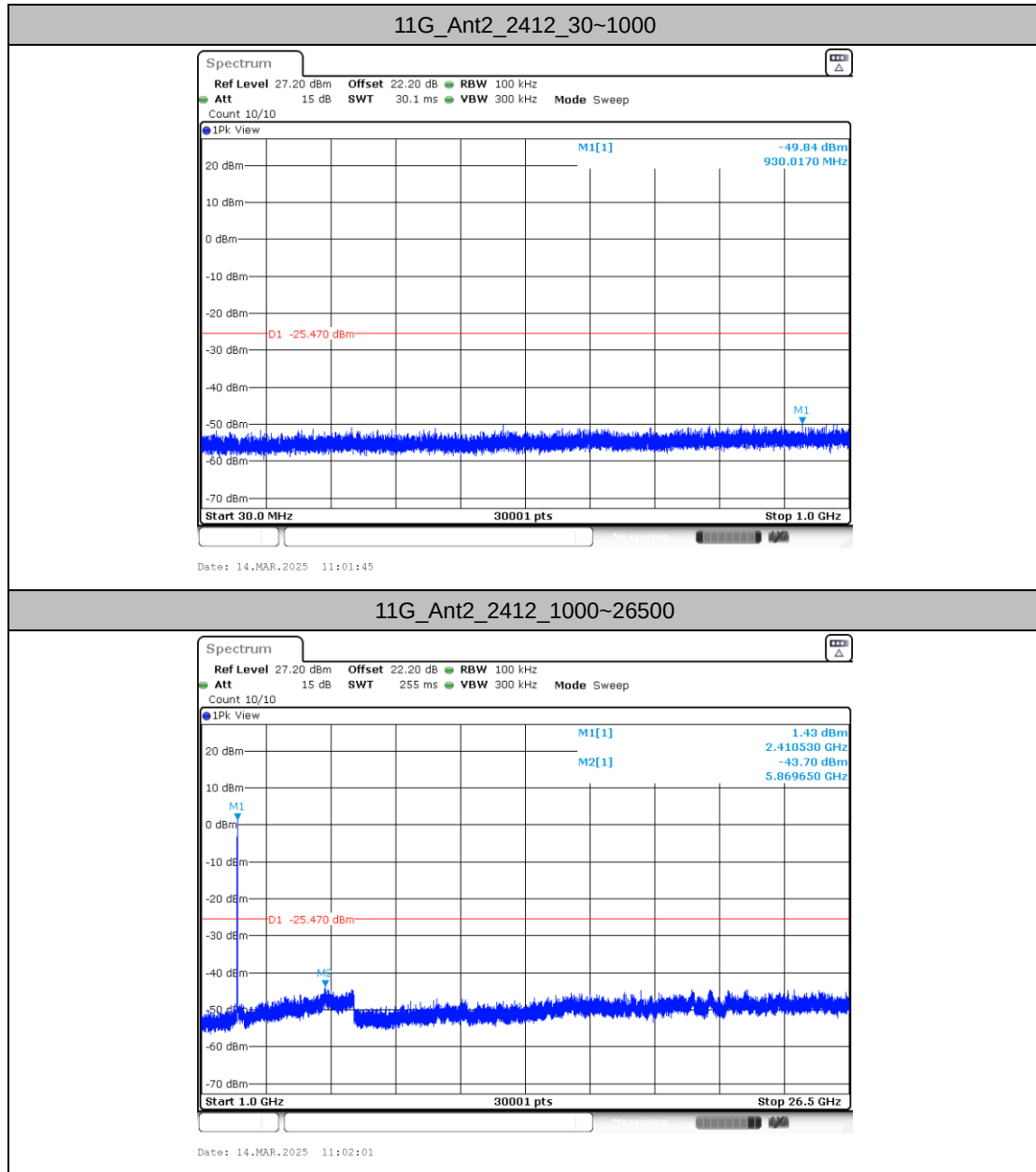


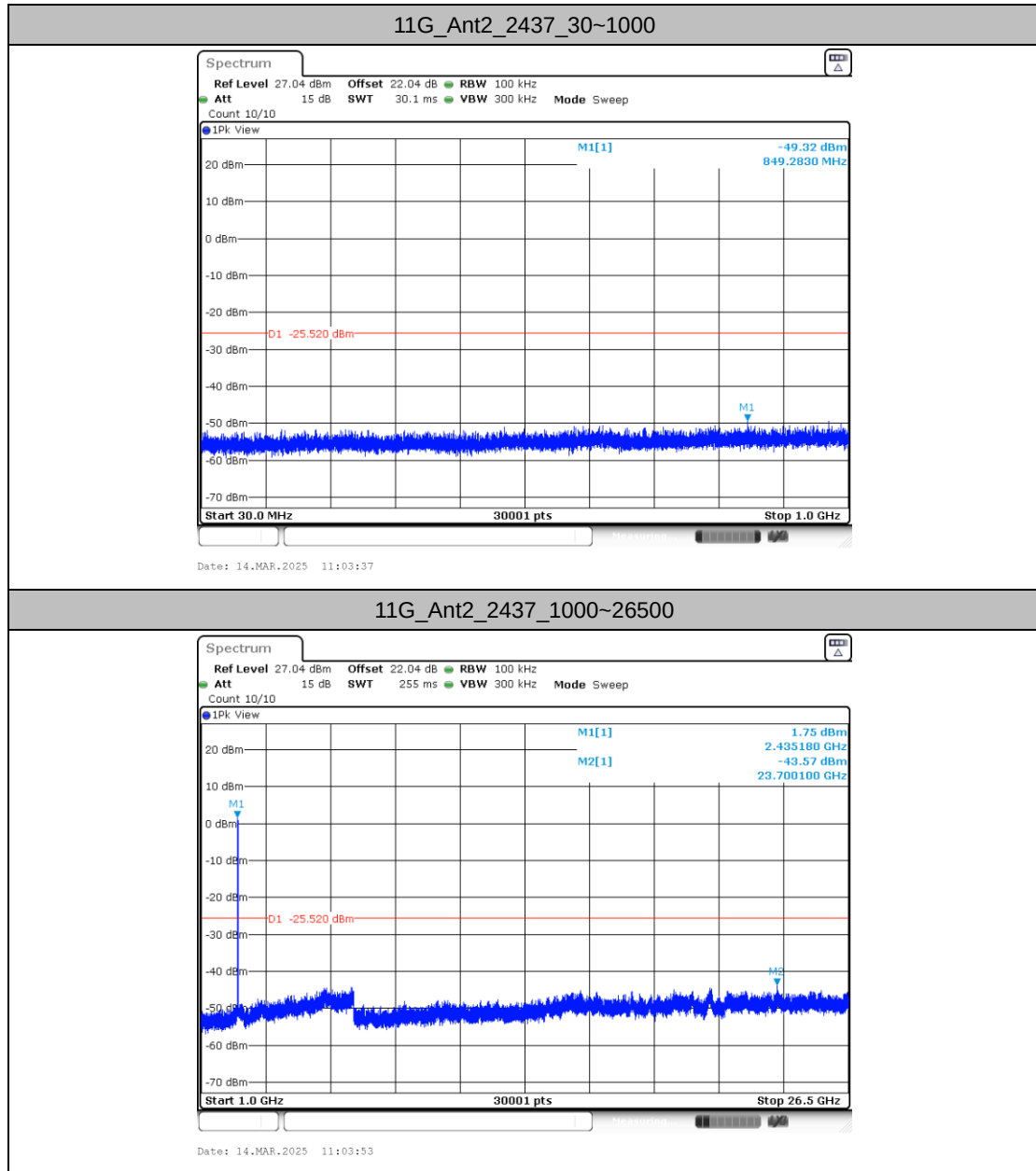


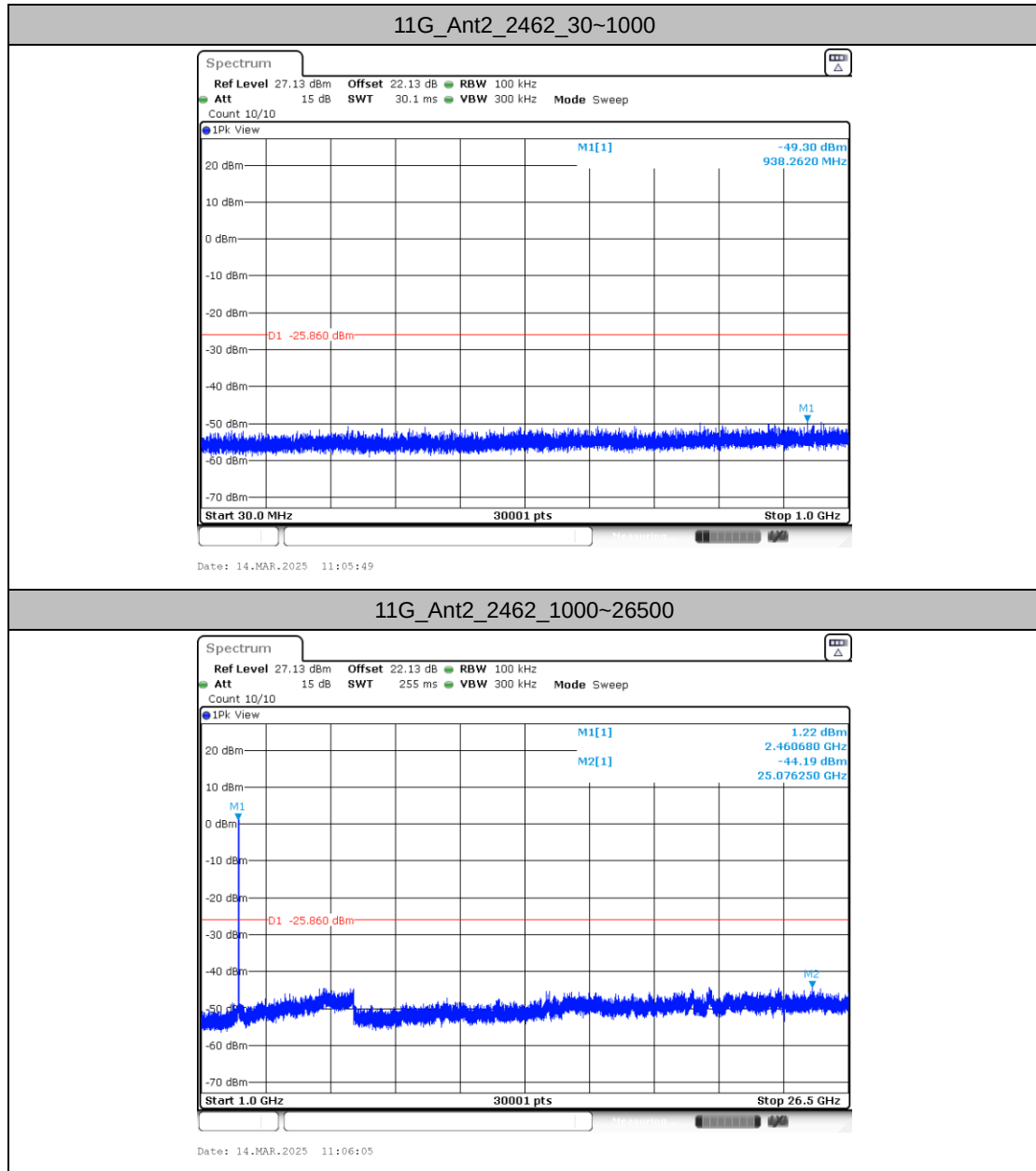


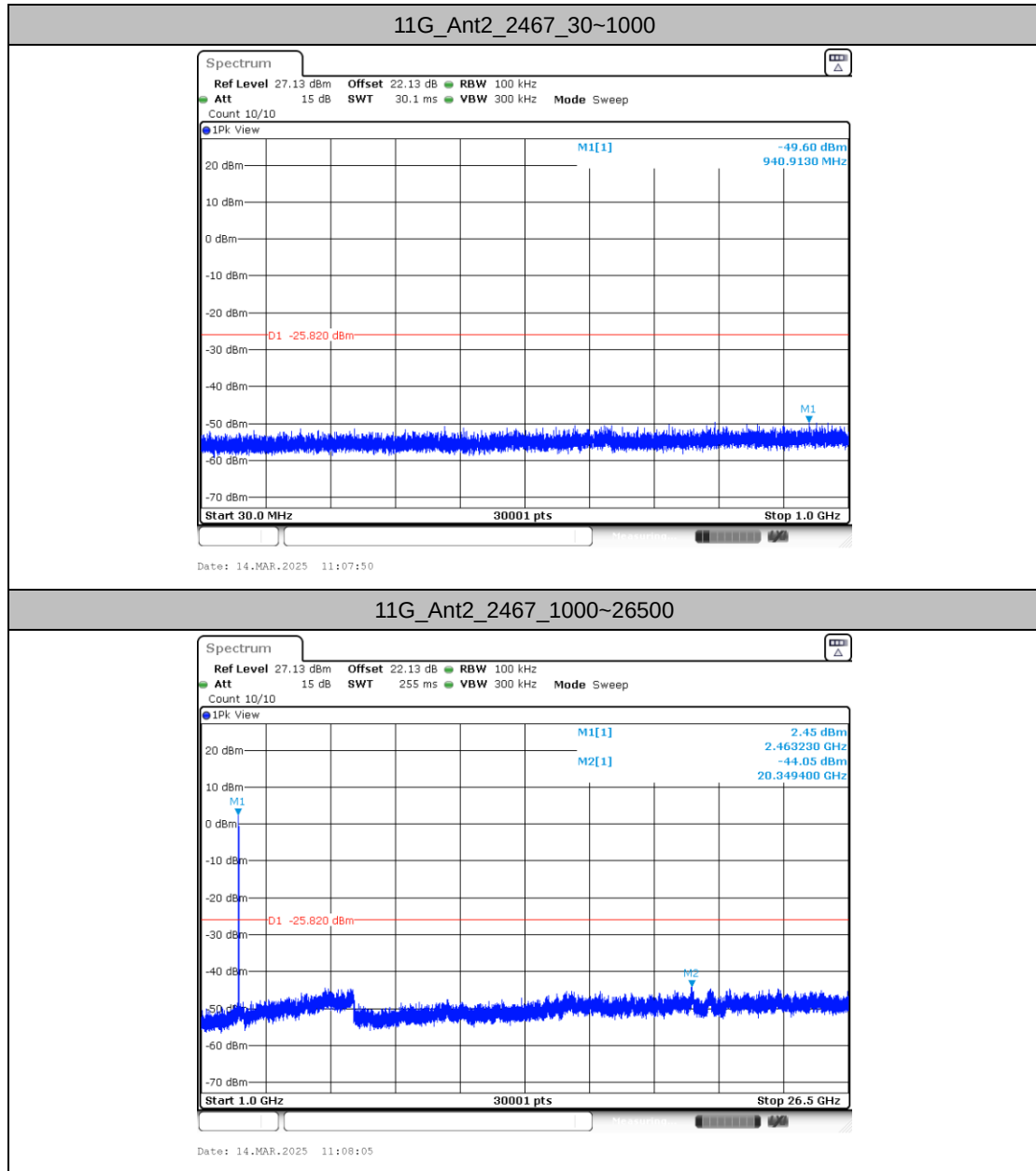


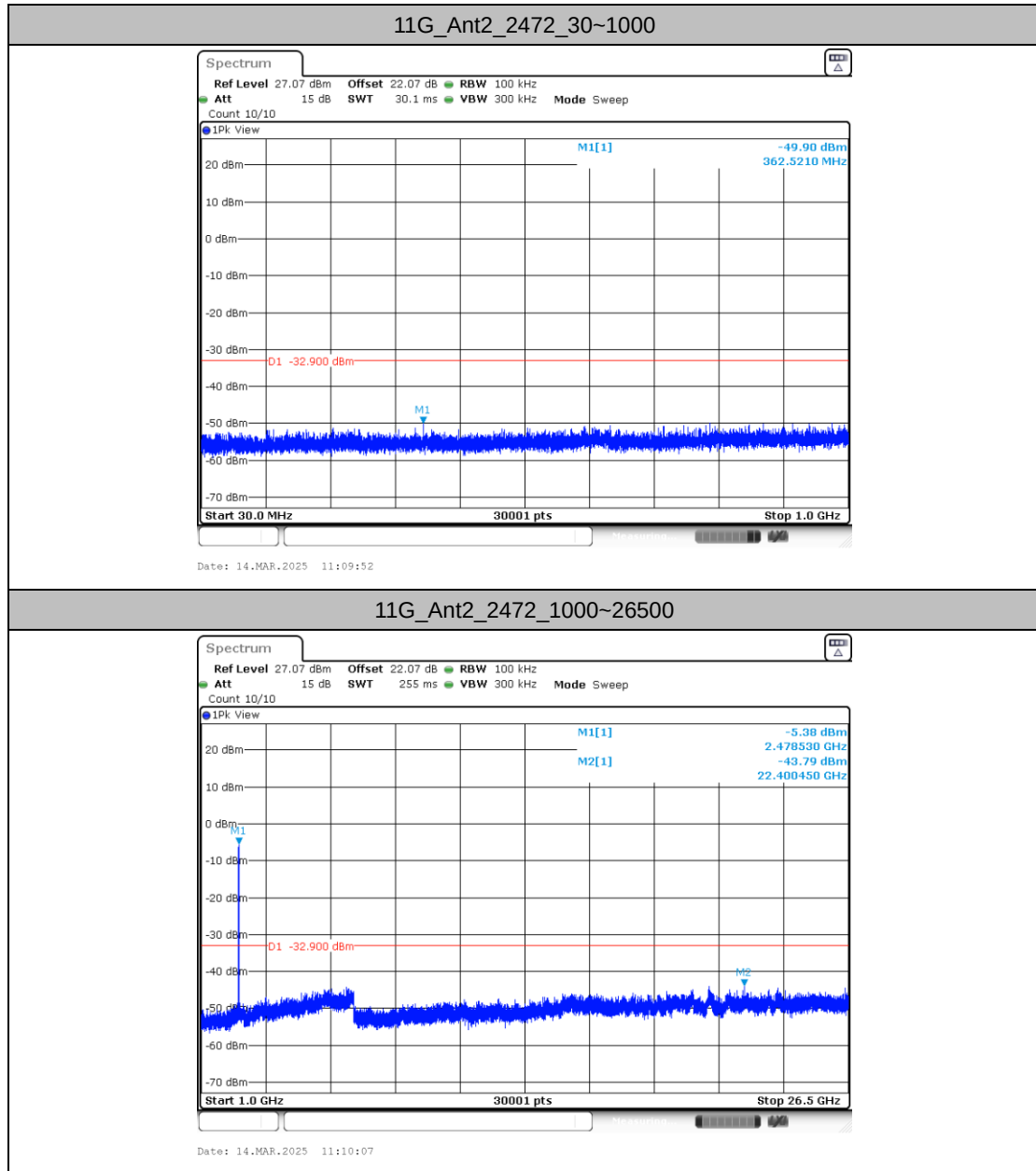


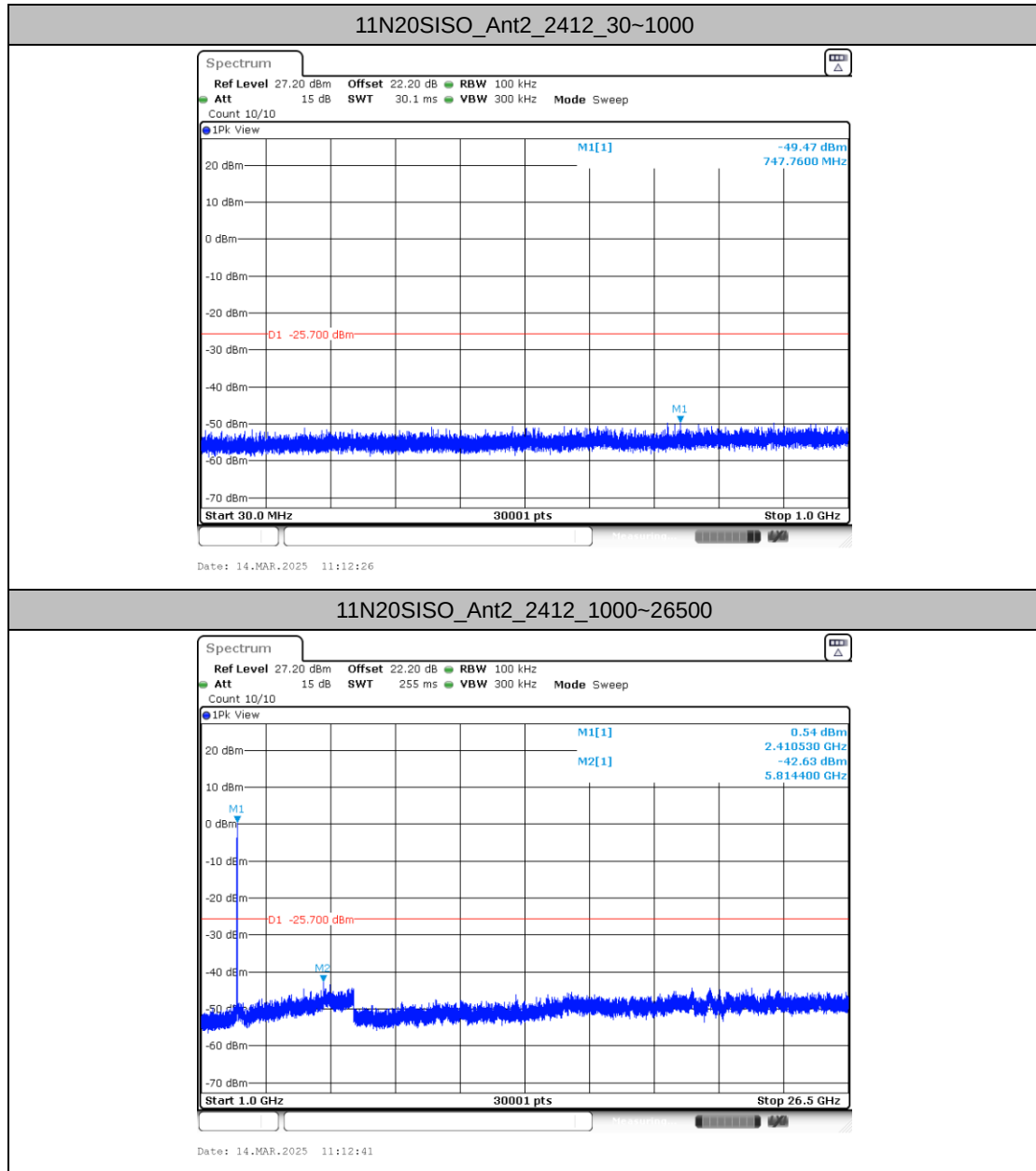


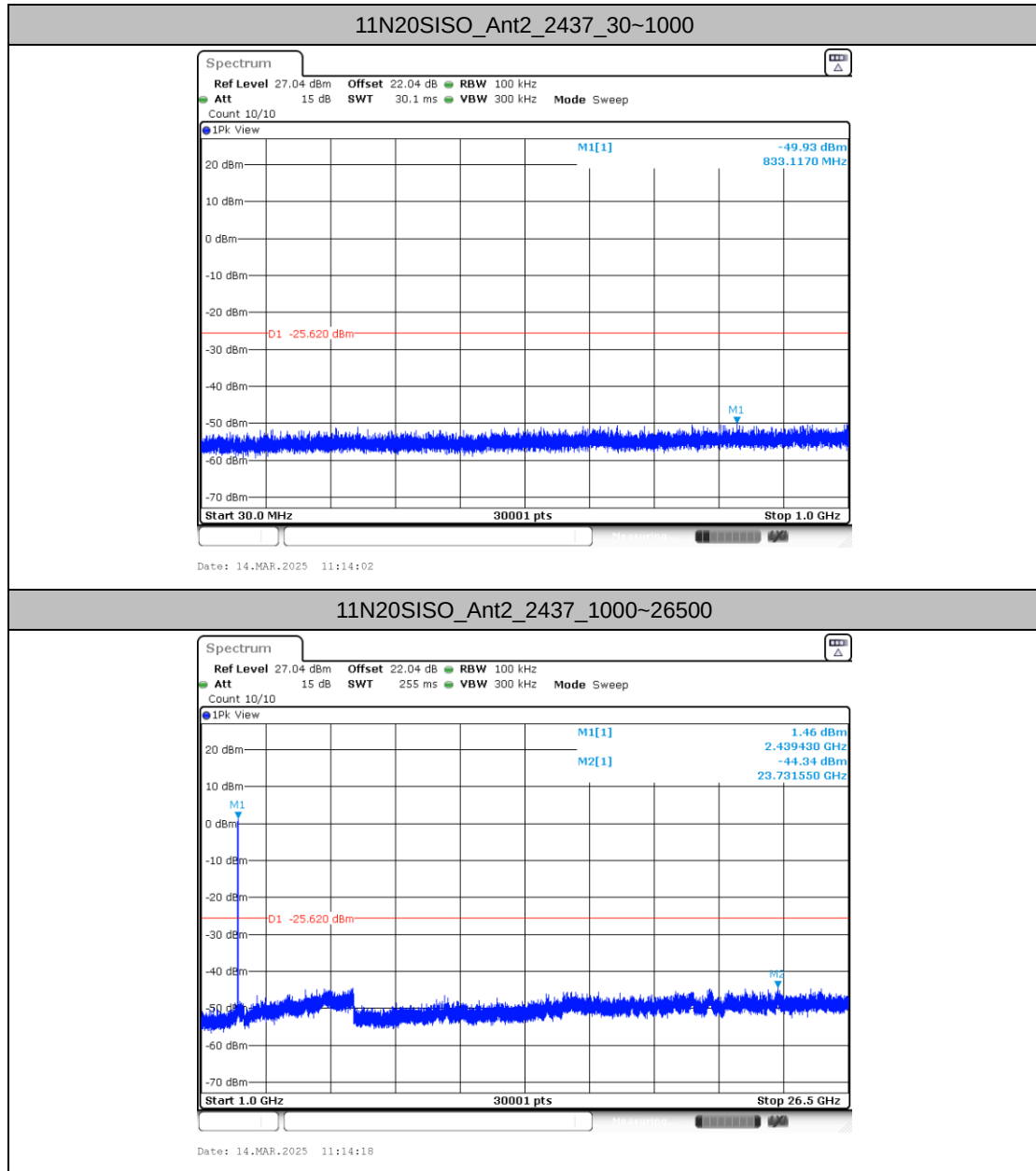


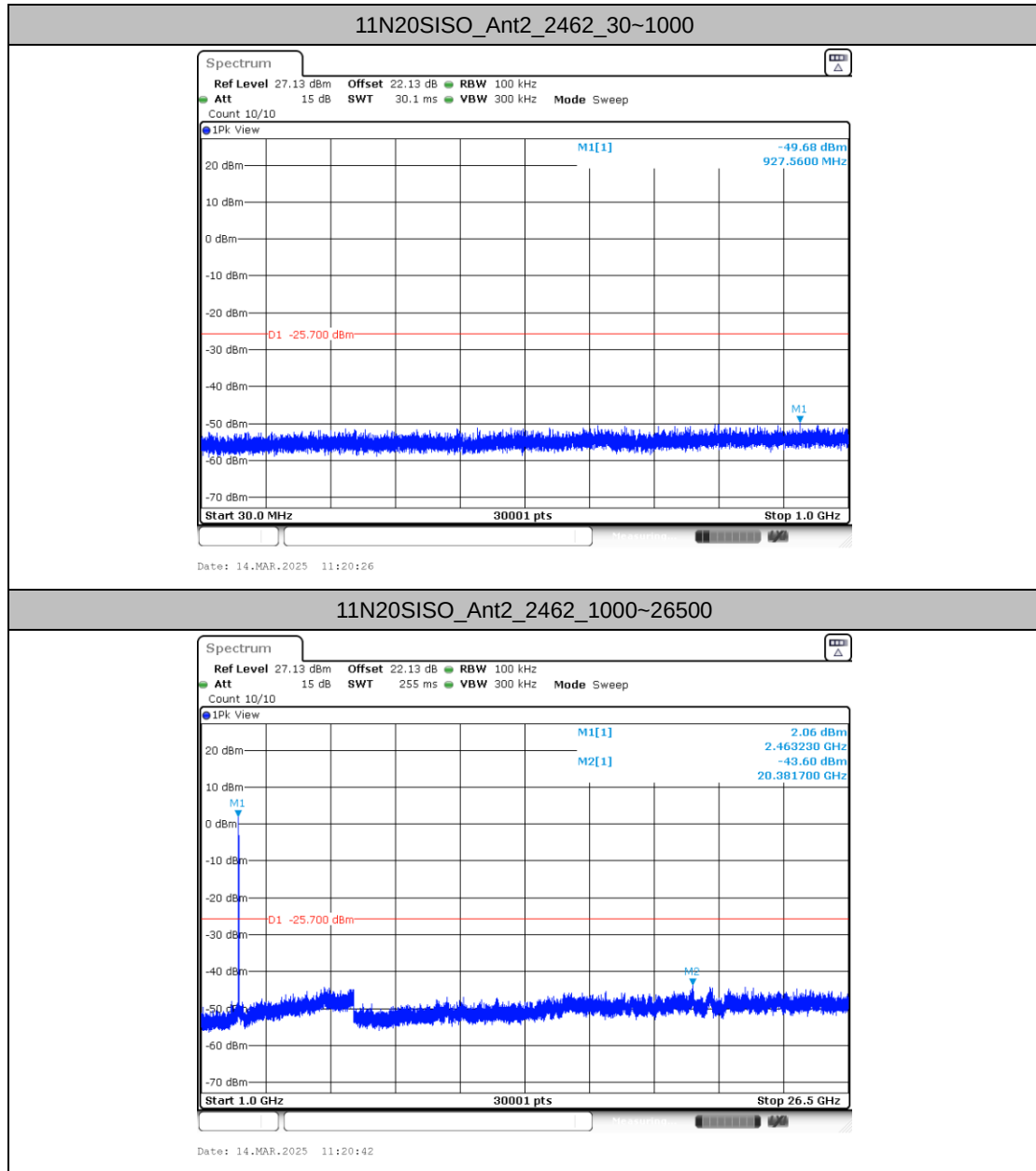


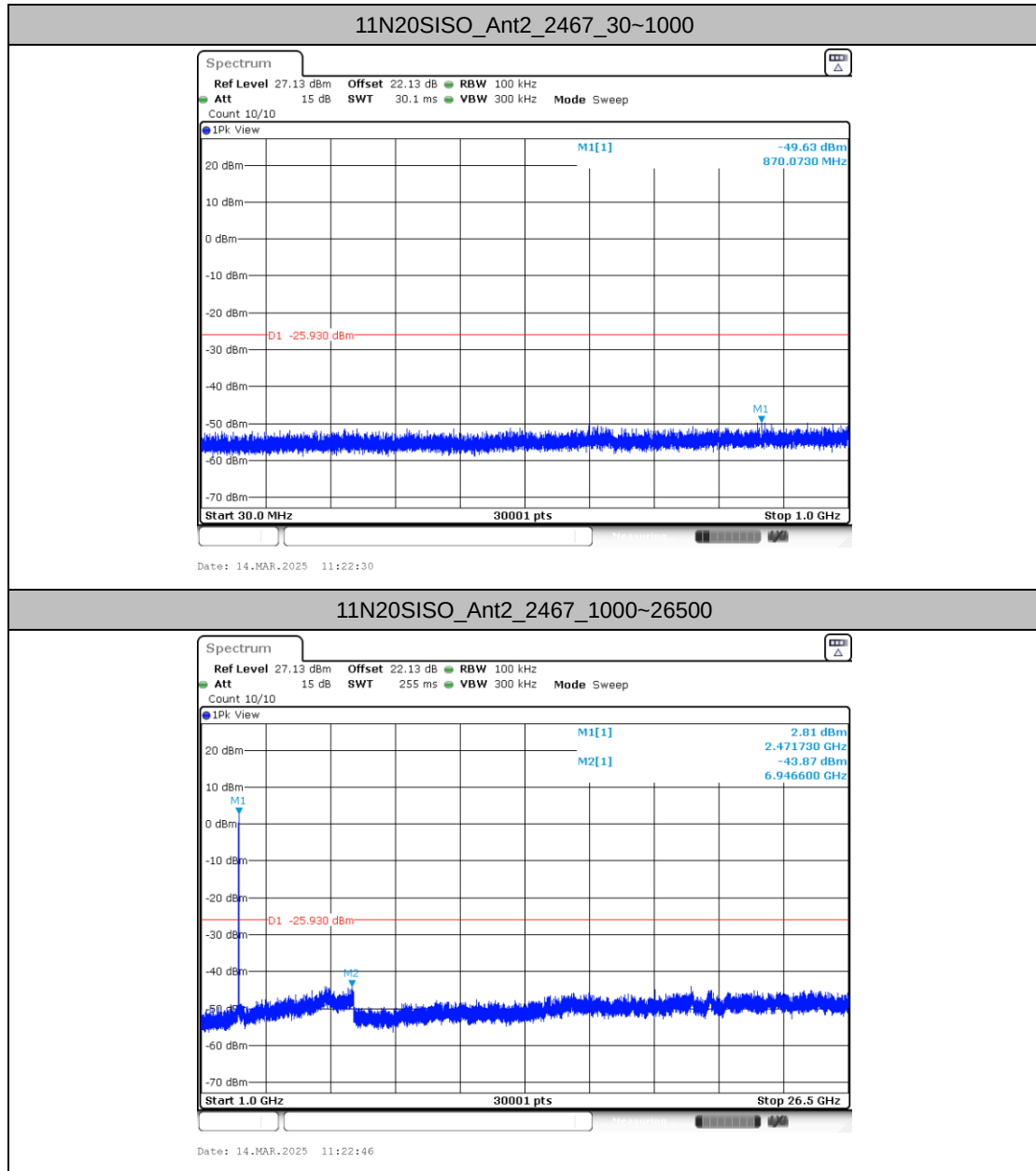


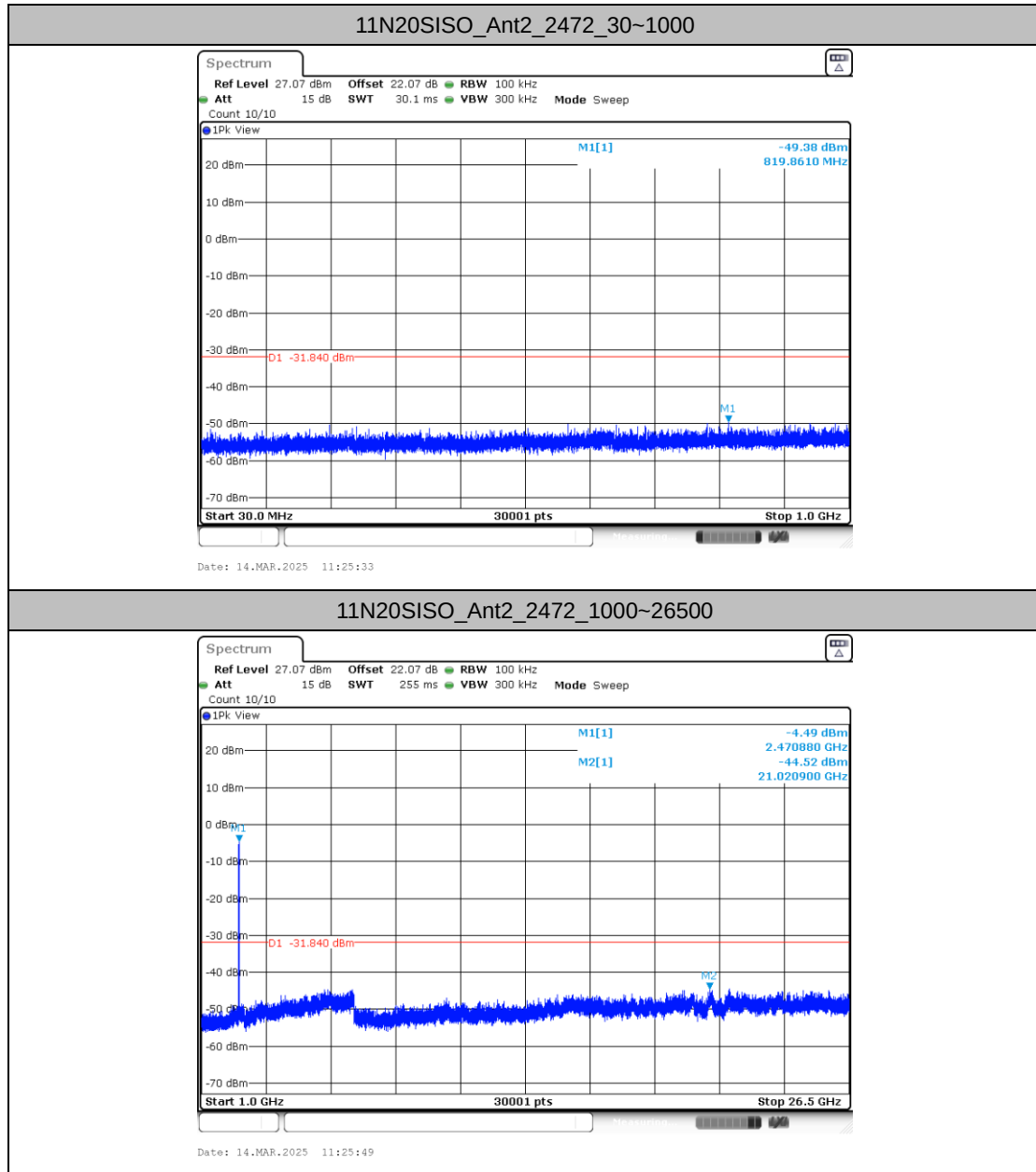


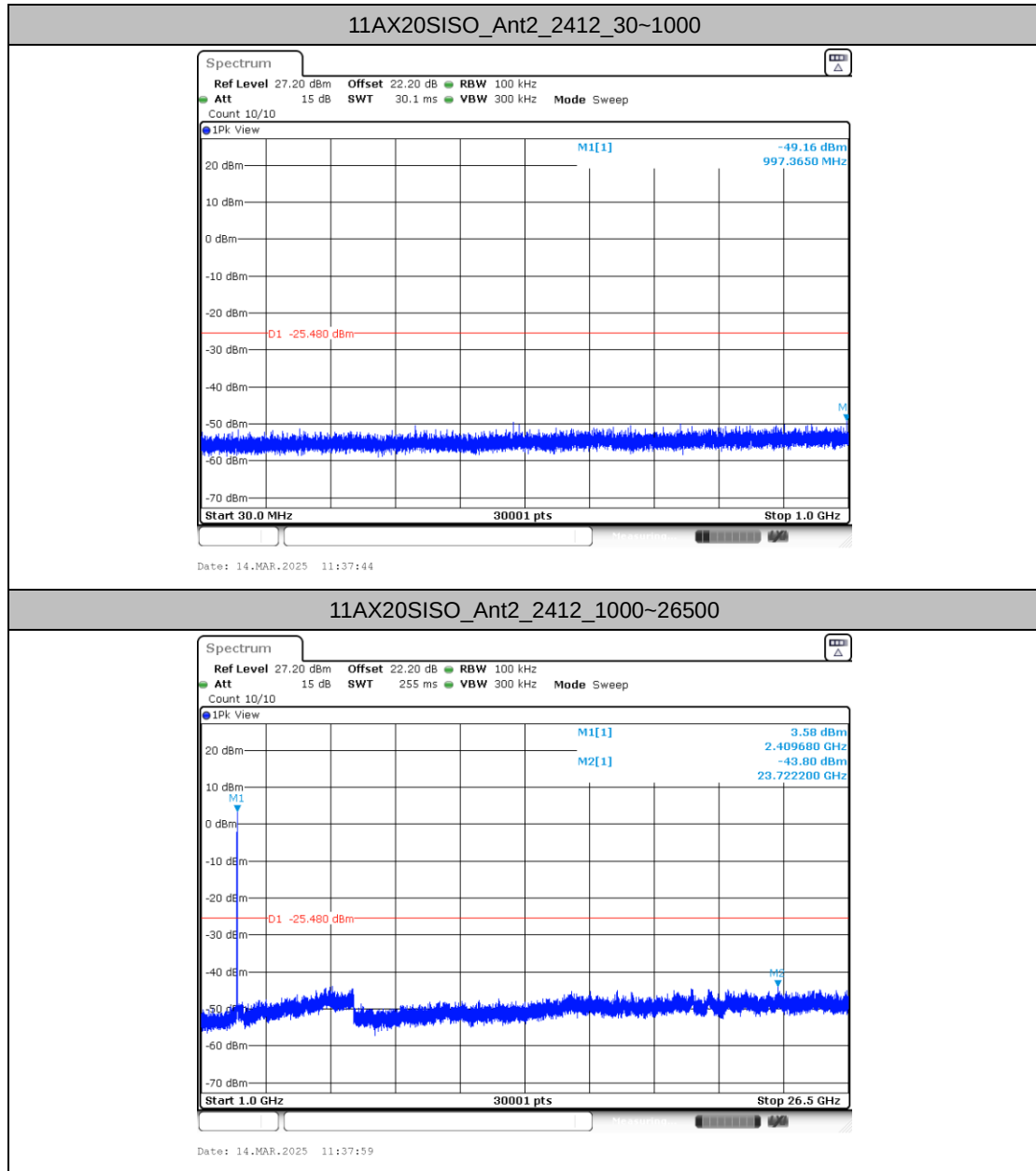


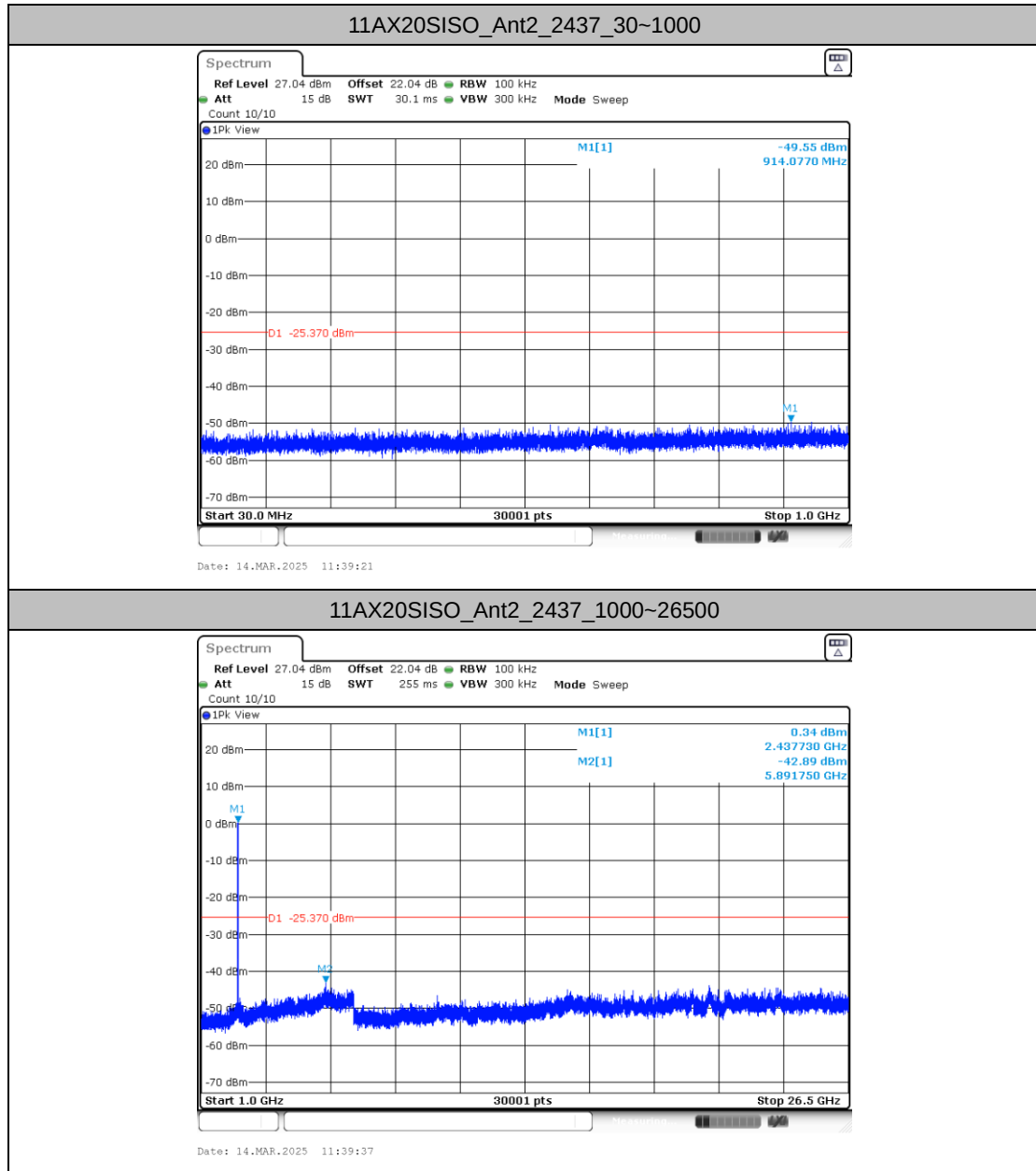


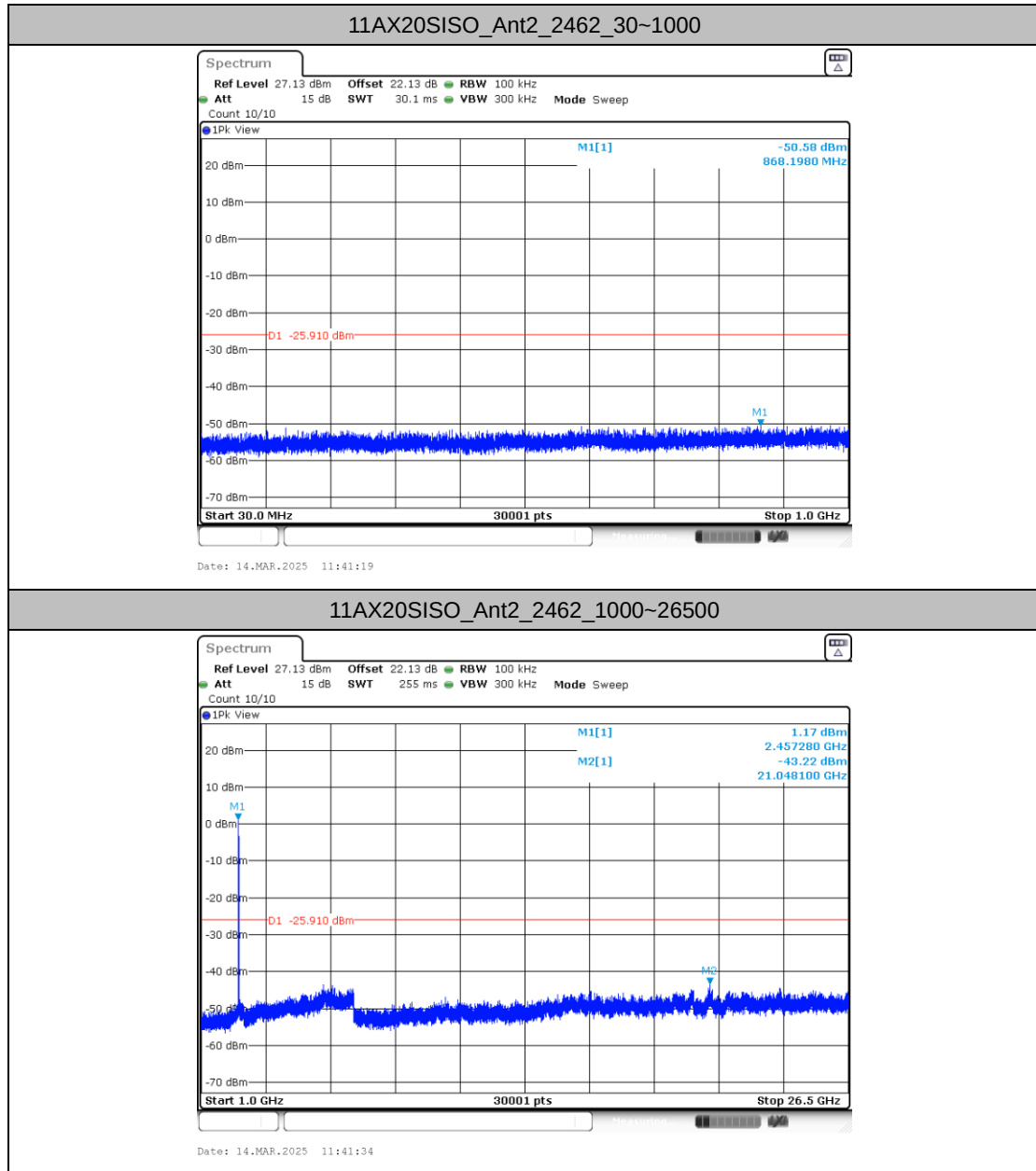


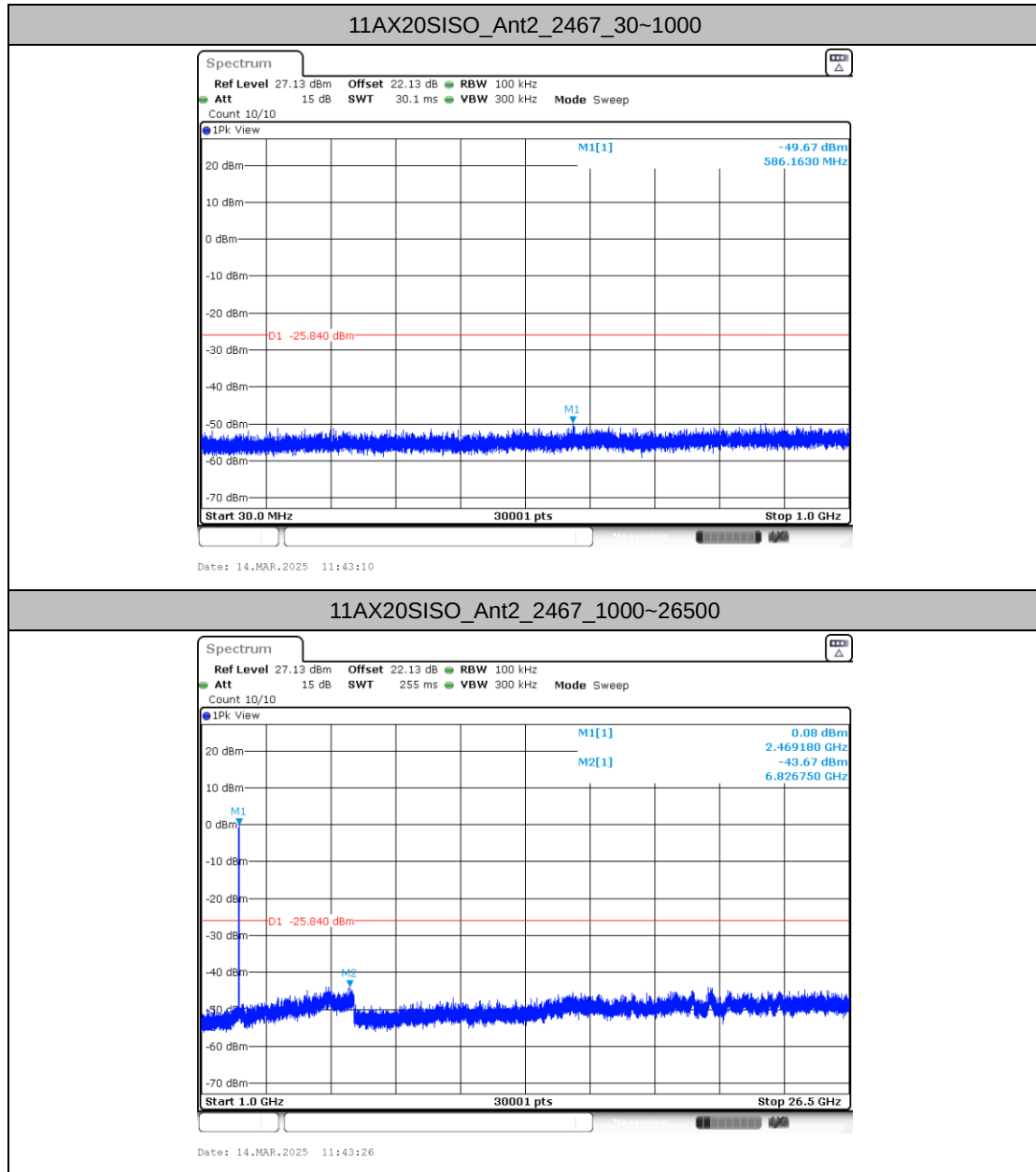


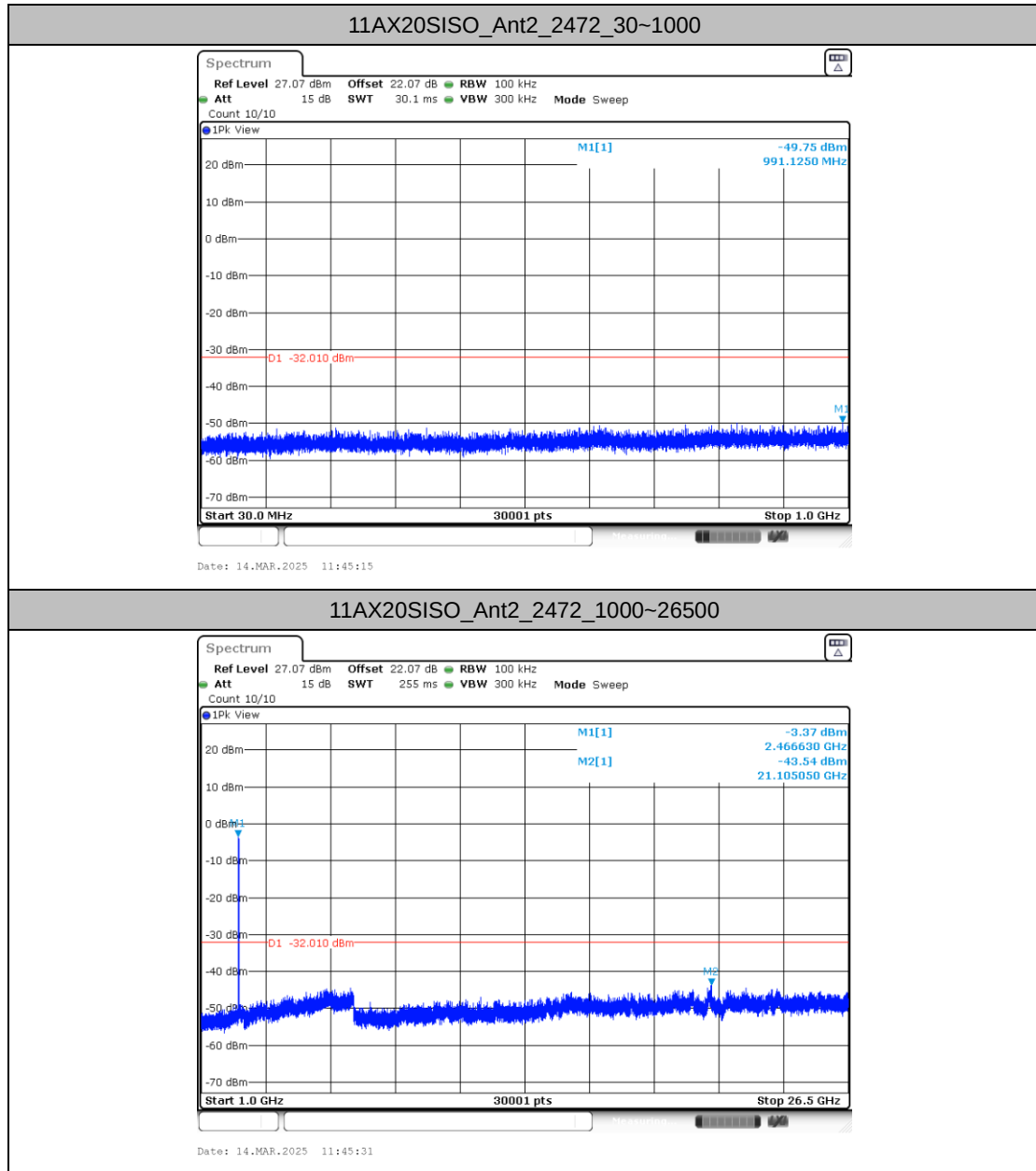














Part RU

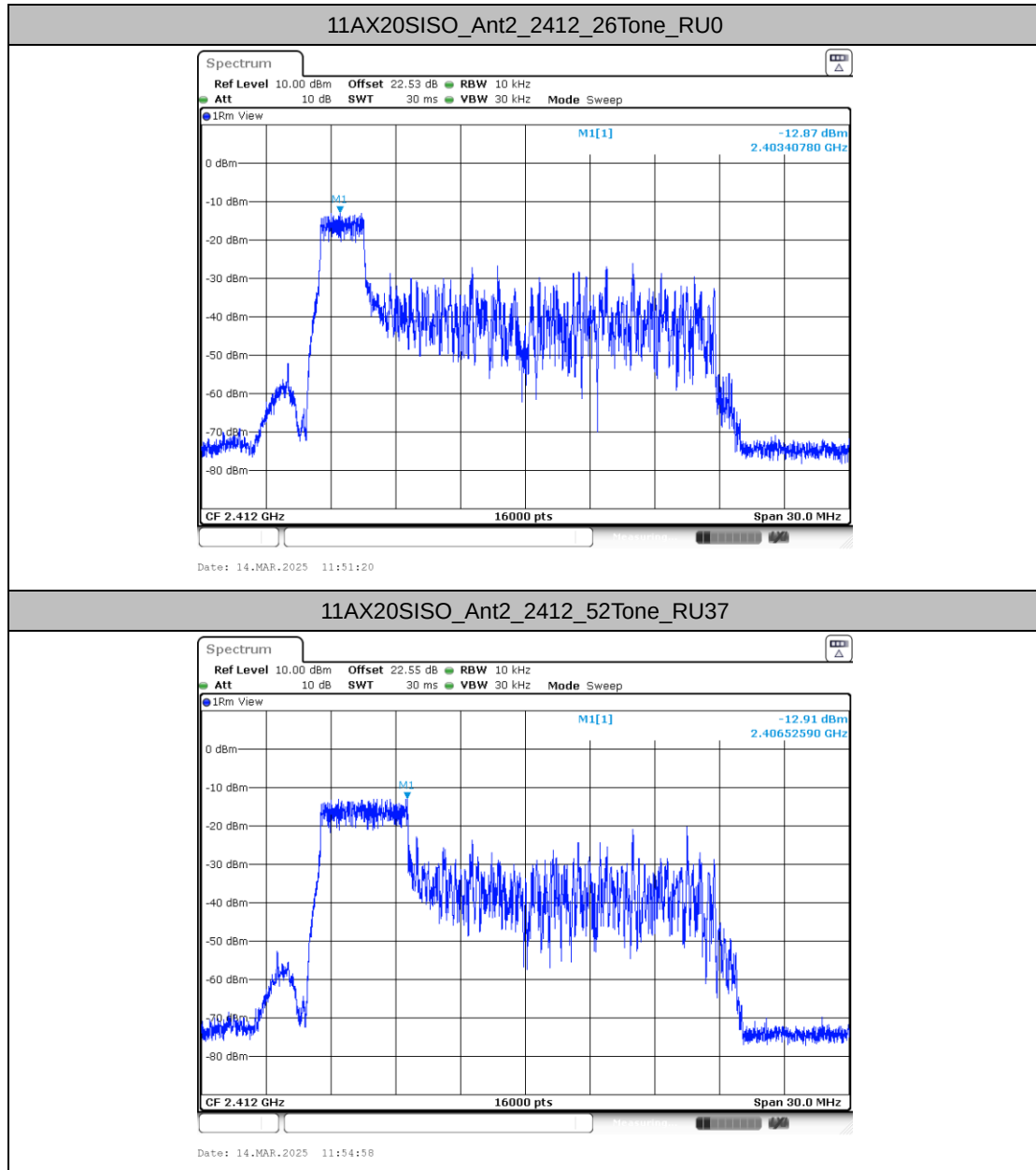
Maximum power spectral density

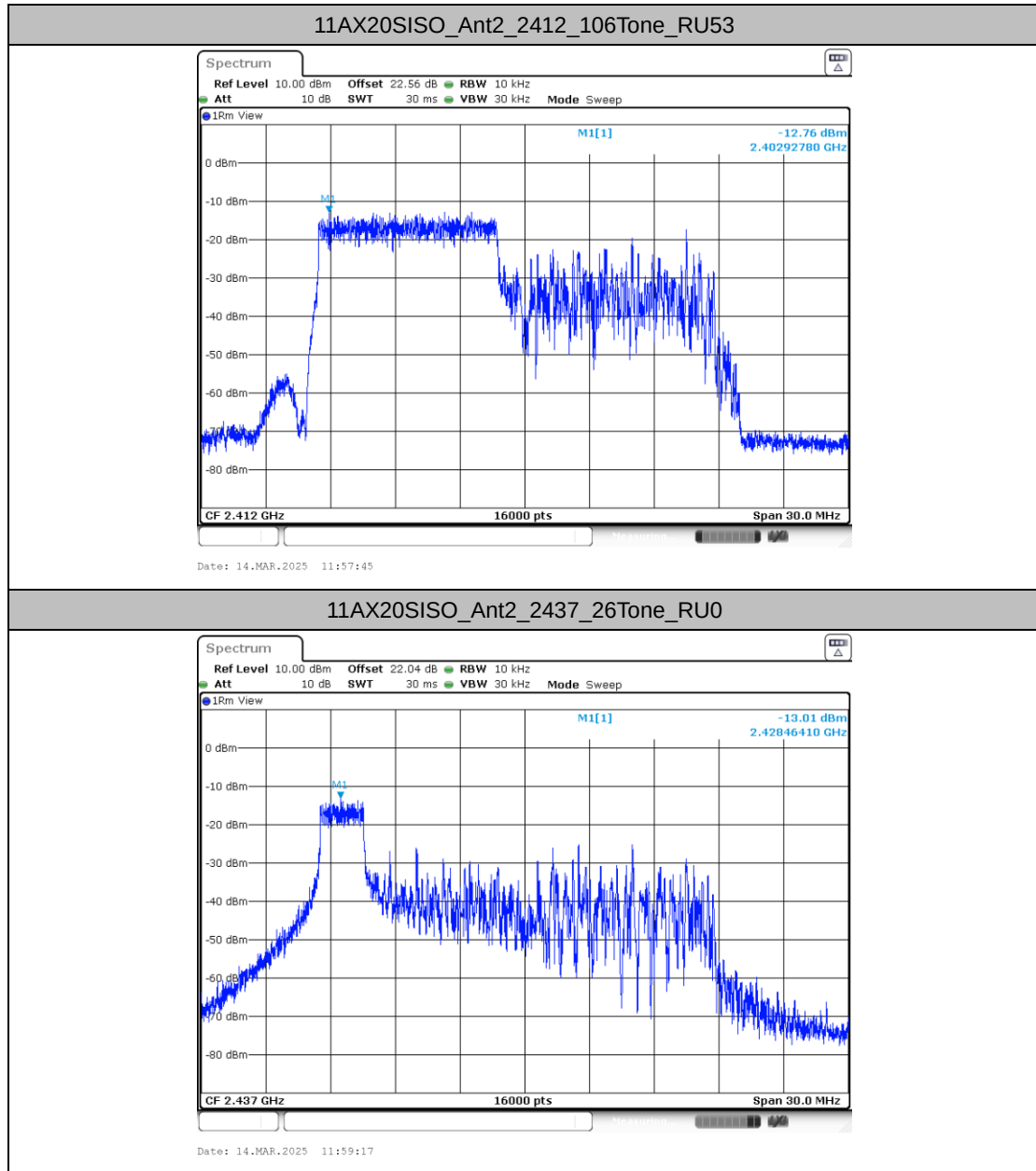
Test Result

TestMode	Antenna	Freq(MHz)	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20SISO	Ant2	2412	26Tone	RU0	-12.87	≤8.00	PASS
			52Tone	RU37	-12.91	≤8.00	PASS
			106Tone	RU53	-12.76	≤8.00	PASS
		2437	26Tone	RU0	-13.01	≤8.00	PASS
			52Tone	RU37	-13.01	≤8.00	PASS
			106Tone	RU53	-12.76	≤8.00	PASS
		2462	26Tone	RU8	-13.62	≤8.00	PASS
			52Tone	RU40	-14.07	≤8.00	PASS
			106Tone	RU54	-13.97	≤8.00	PASS
		2467	26Tone	RU8	-13.76	≤8.00	PASS
			52Tone	RU40	-13.98	≤8.00	PASS
			106Tone	RU54	-13.72	≤8.00	PASS
		2472	26Tone	RU8	-24.36	≤8.00	PASS
			52Tone	RU40	-25.09	≤8.00	PASS
			106Tone	RU54	-24.68	≤8.00	PASS



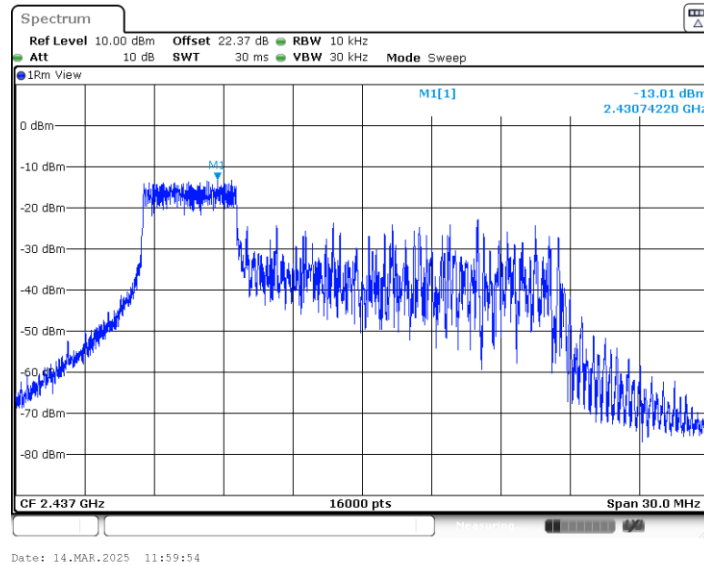
Test Graphs



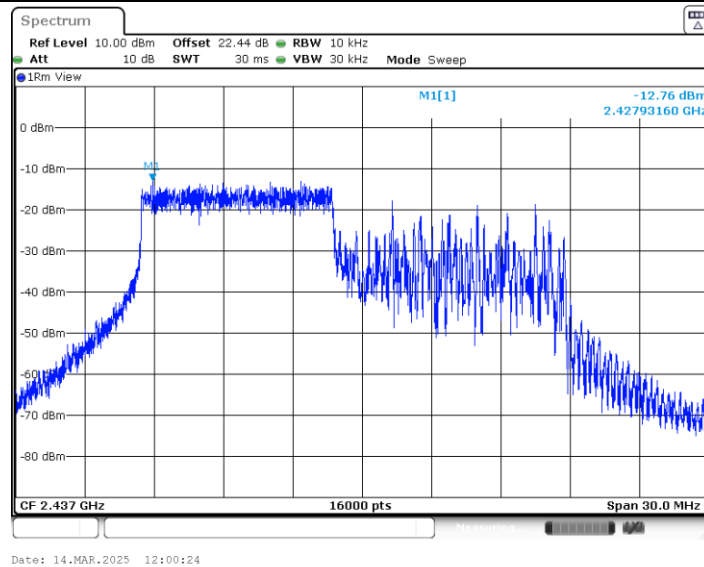


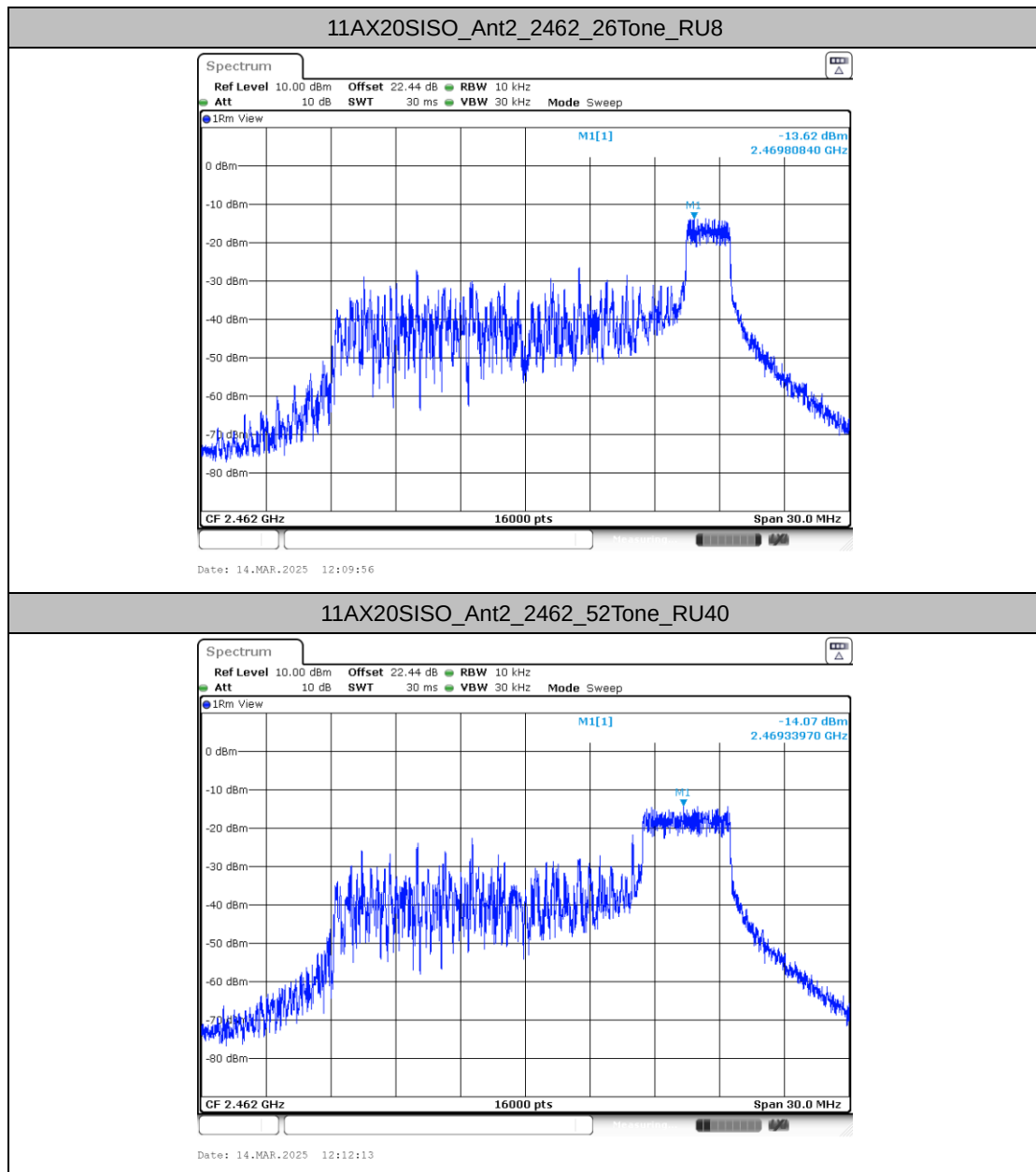


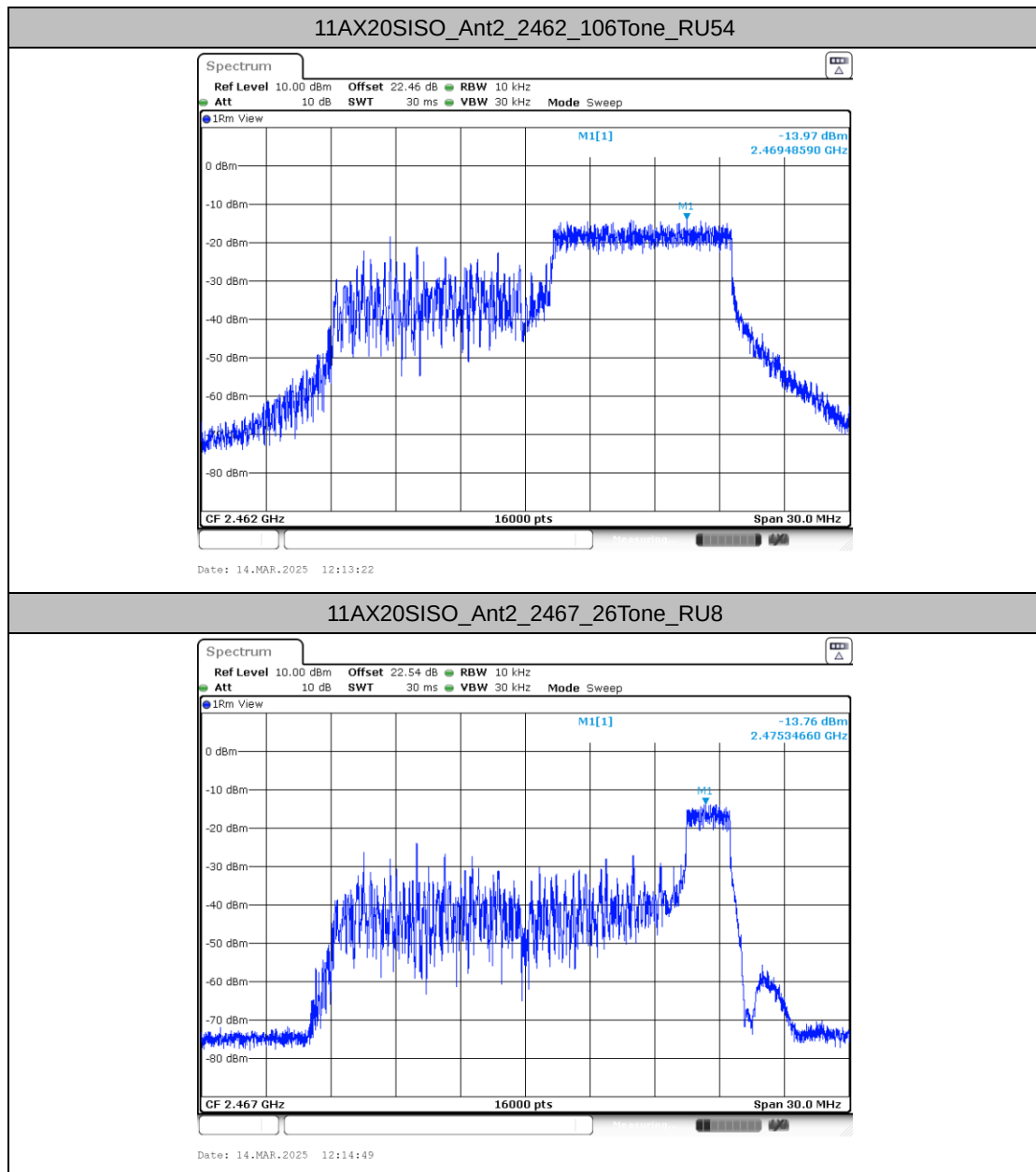
11AX20SISO_Ant2_2437_52Tone_RU37



11AX20SISO_Ant2_2437_106Tone_RU53

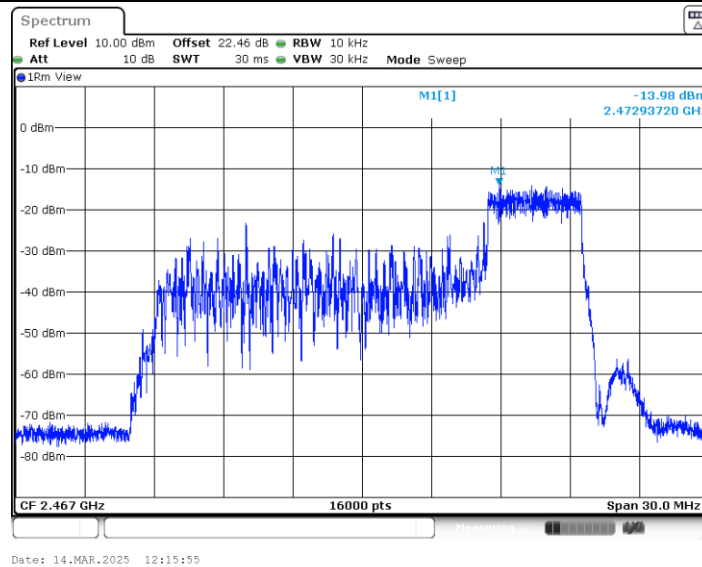




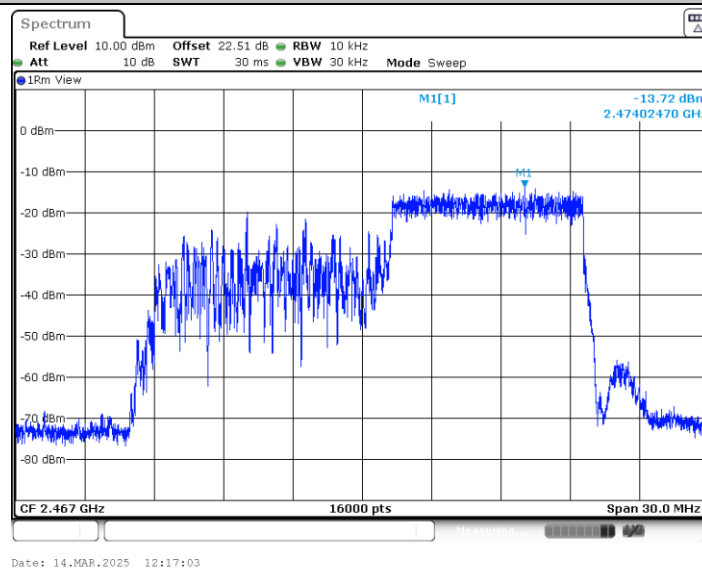


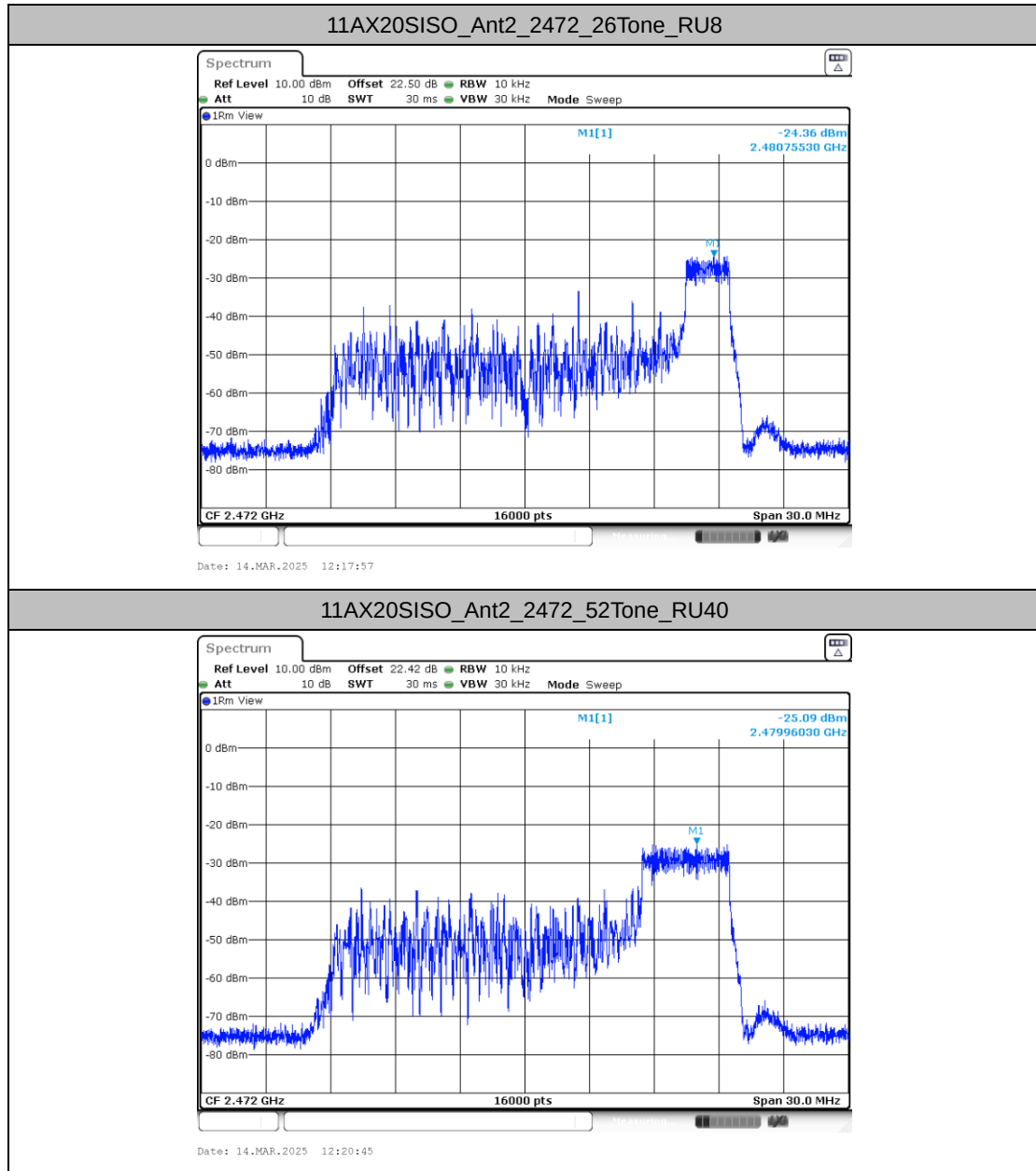


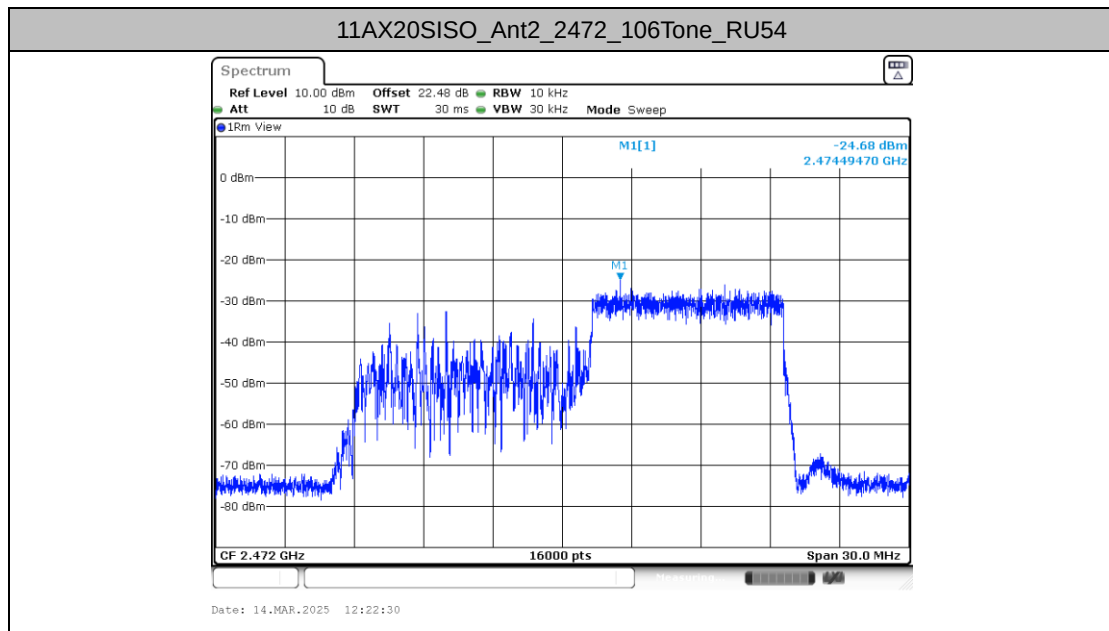
11AX20SISO_Ant2_2467_52Tone_RU40



11AX20SISO_Ant2_2467_106Tone_RU54









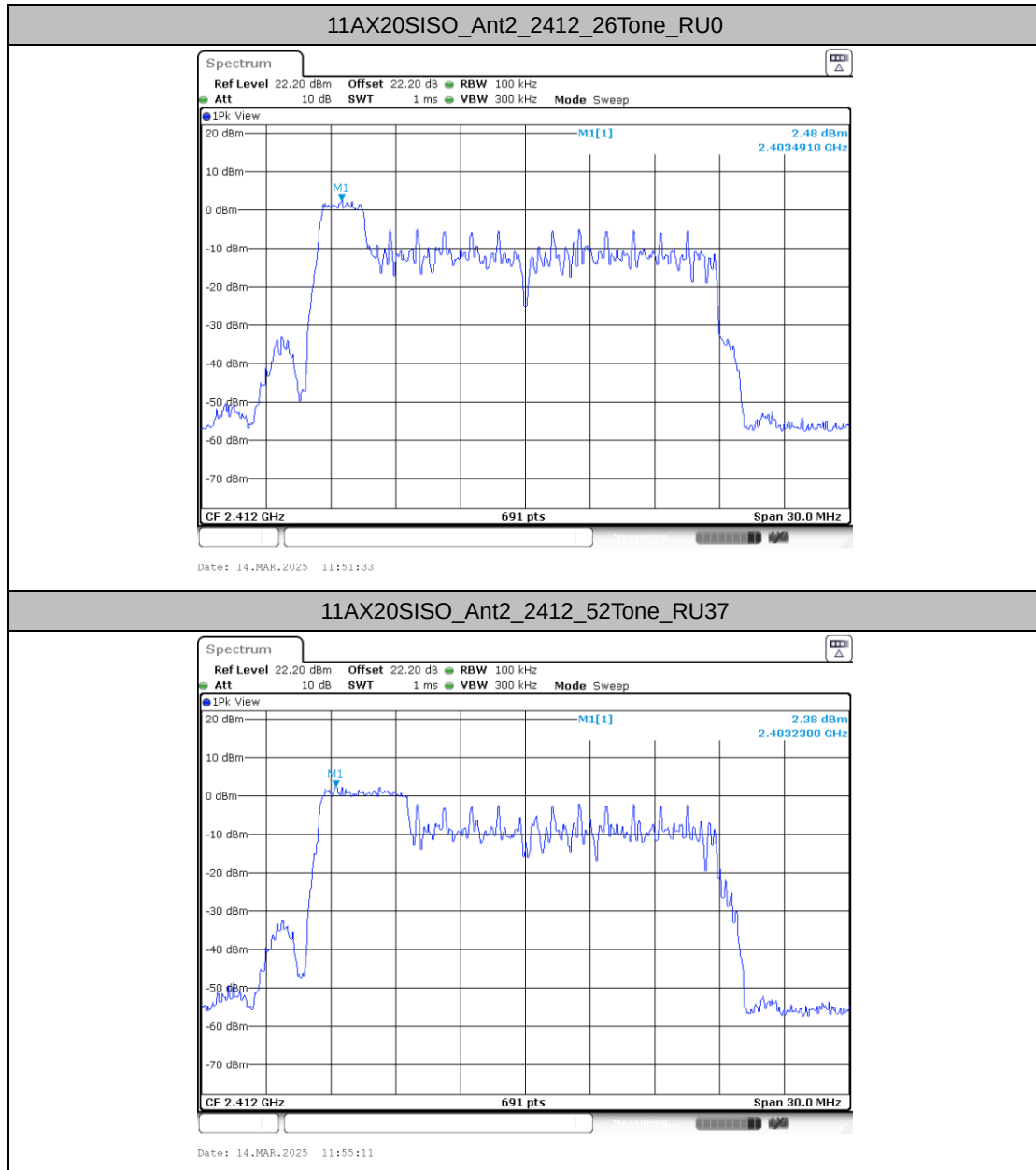
Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHZ]
11AX20SISO	Ant2	2412	2403.49	2.48
			2403.23	2.38
			2405.75	2.42
		2462	2470.25	0.70
			2468.73	0.73
			2465.47	1.22
		2467	2476.12	1.14
			2475.51	0.88
			2470.99	1.17
		2472	2479.77	-9.34
			2478.51	-9.65
			2474.43	-11.61

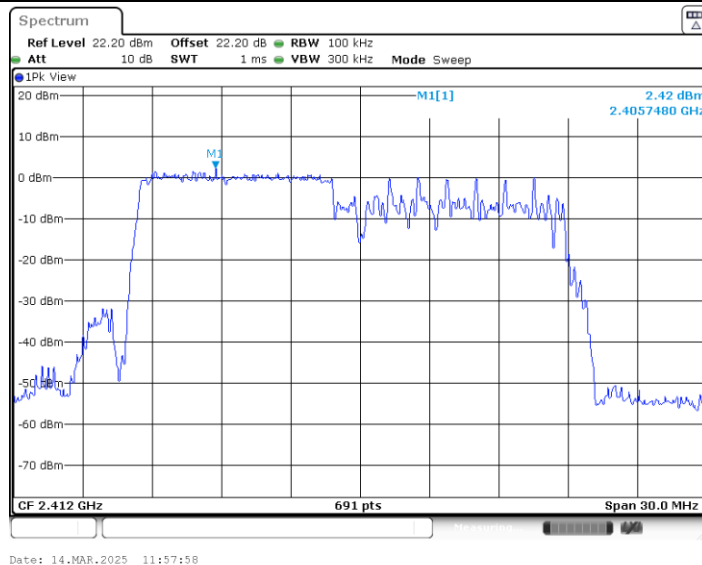


Test Graphs

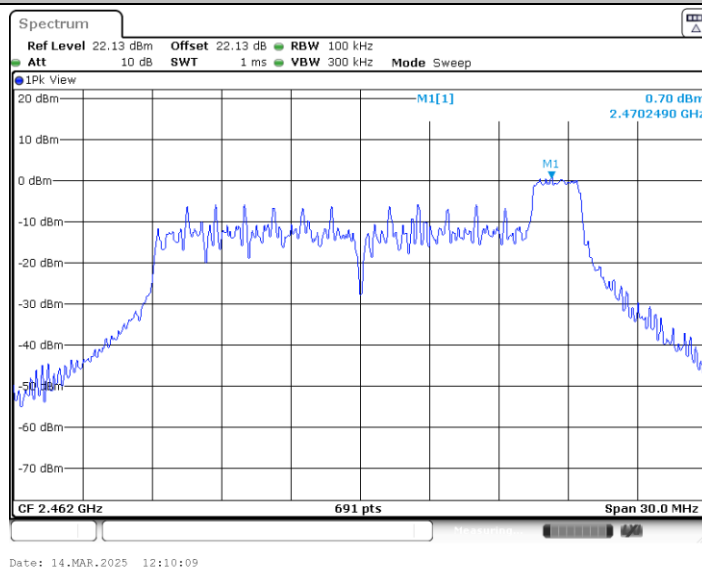




11AX20SISO_Ant2_2412_106Tone_RU53

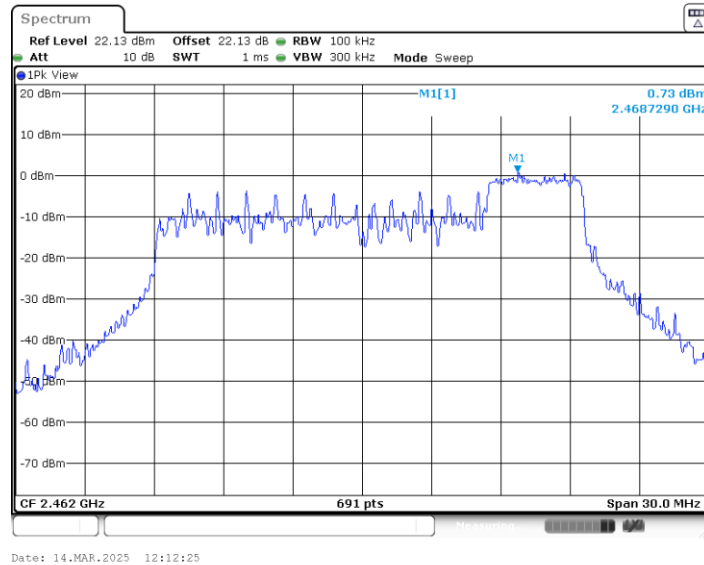


11AX20SISO_Ant2_2462_26Tone_RU8

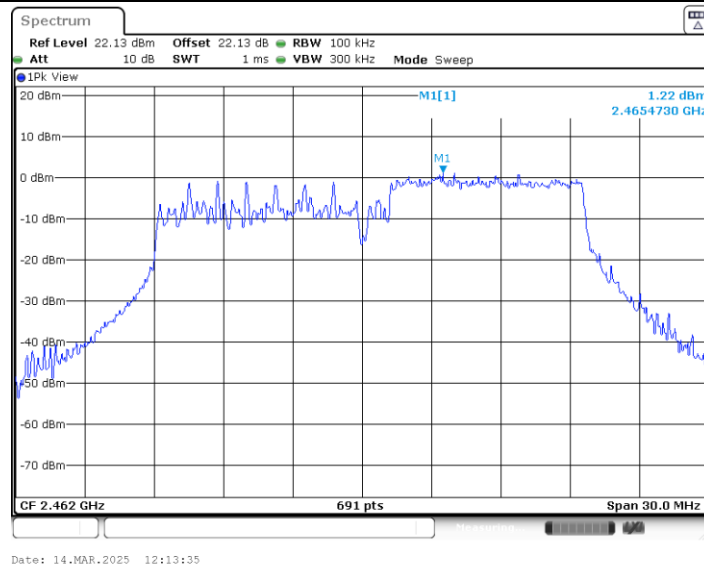




11AX20SISO_Ant2_2462_52Tone_RU40

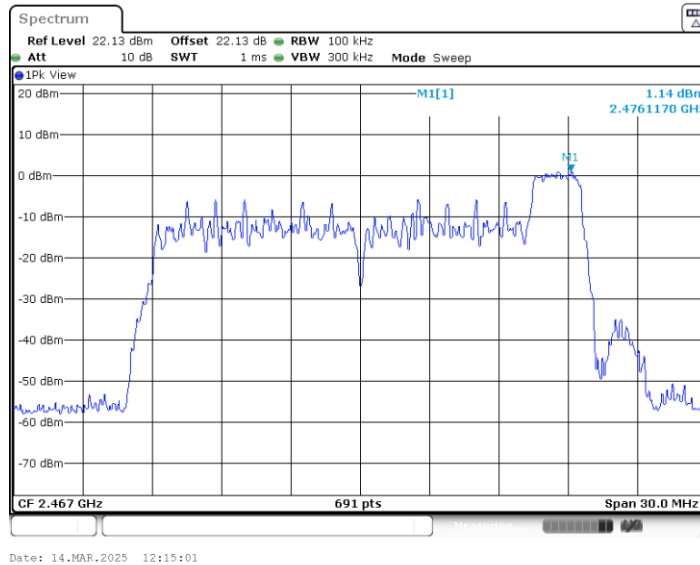


11AX20SISO_Ant2_2462_106Tone_RU54

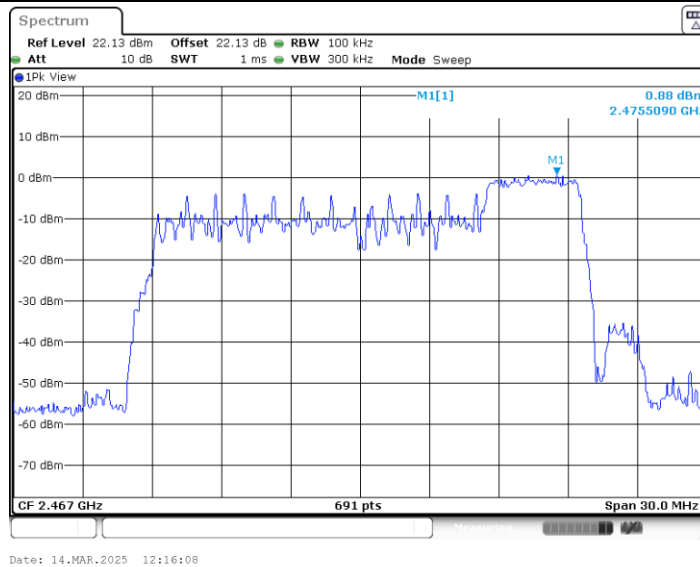


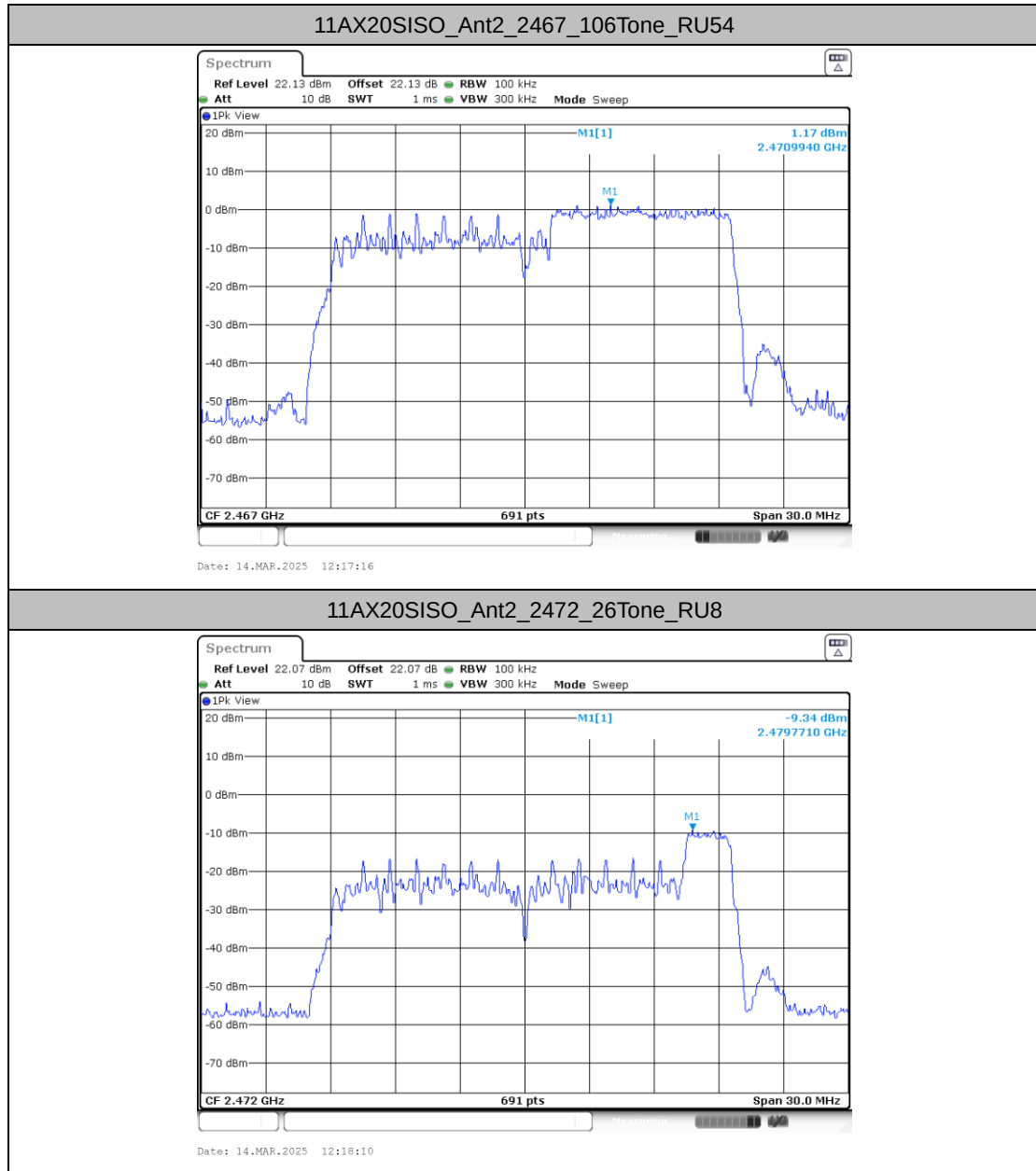


11AX20SISO_Ant2_2467_26Tone_RU8



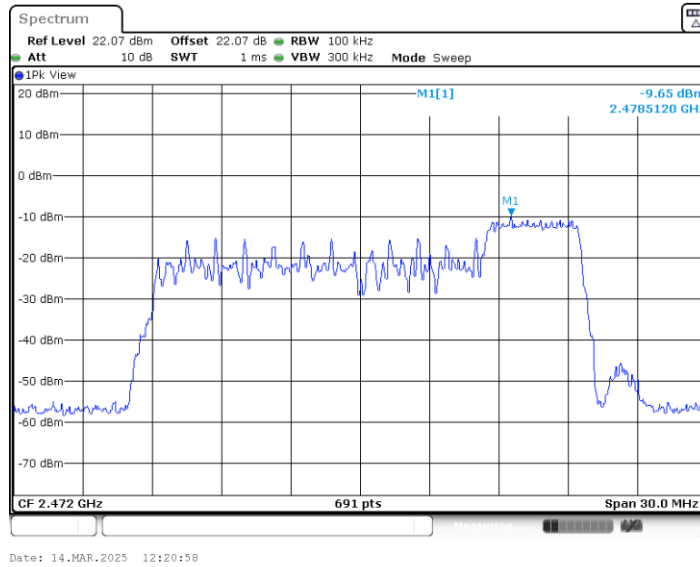
11AX20SISO_Ant2_2467_52Tone_RU40



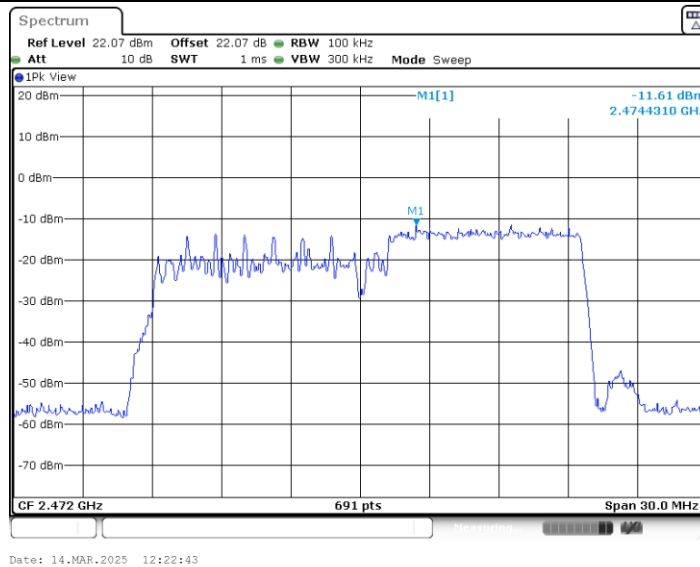




11AX20SISO_Ant2_2472_52Tone_RU40



11AX20SISO_Ant2_2472_106Tone_RU54





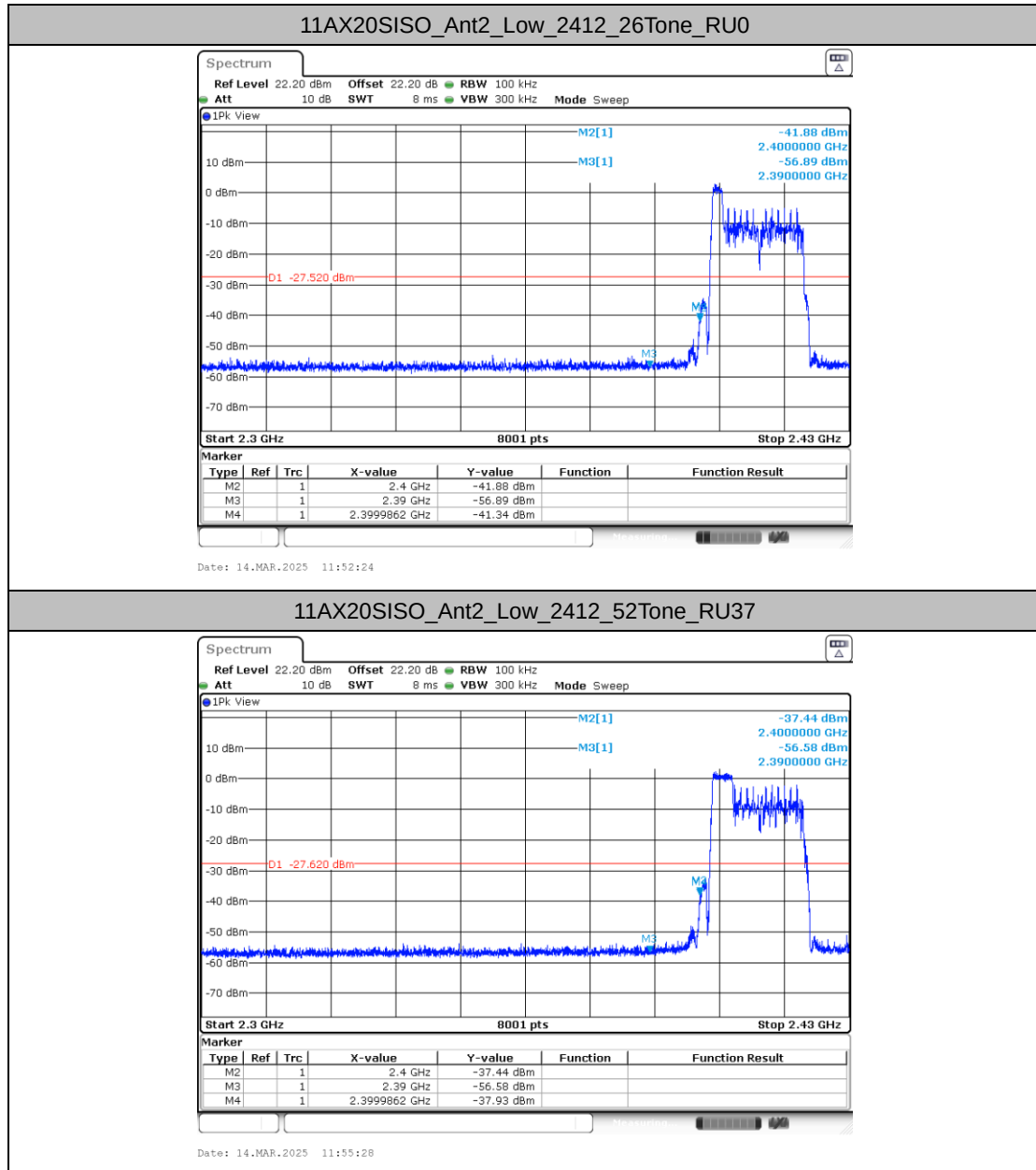
Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq (MHz)	Ru Size	Ru Index	RefLevel [dBm/100KHZ]	Result [dBm/100KHZ]	Limit [dBm/100KHZ]	Verdict
11AX20SISO	Ant2	Low	2412	26Tone	RU0	2.48	-41.34	≤-27.52	PASS
				52Tone	RU37	2.38	-37.93	≤-27.62	PASS
				106Tone	RU53	2.42	-39.21	≤-27.58	PASS
		High	2462	26Tone	RU8	0.70	-52.95	≤-29.3	PASS
				52Tone	RU40	0.73	-52.97	≤-29.27	PASS
				106Tone	RU54	1.22	-52.63	≤-28.78	PASS
			2467	26Tone	RU8	1.14	-52.65	≤-28.86	PASS
				52Tone	RU40	0.88	-53.02	≤-29.12	PASS
				106Tone	RU54	1.17	-47.88	≤-28.83	PASS
			2472	26Tone	RU8	-9.34	-45.26	≤-39.34	PASS
				52Tone	RU40	-9.65	-47.18	≤-39.65	PASS
				106Tone	RU54	-11.61	-48.18	≤-41.61	PASS

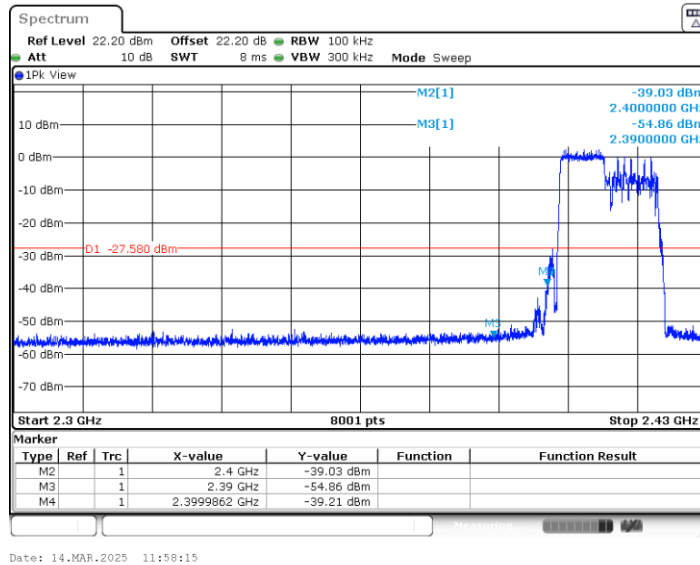


Test Graphs

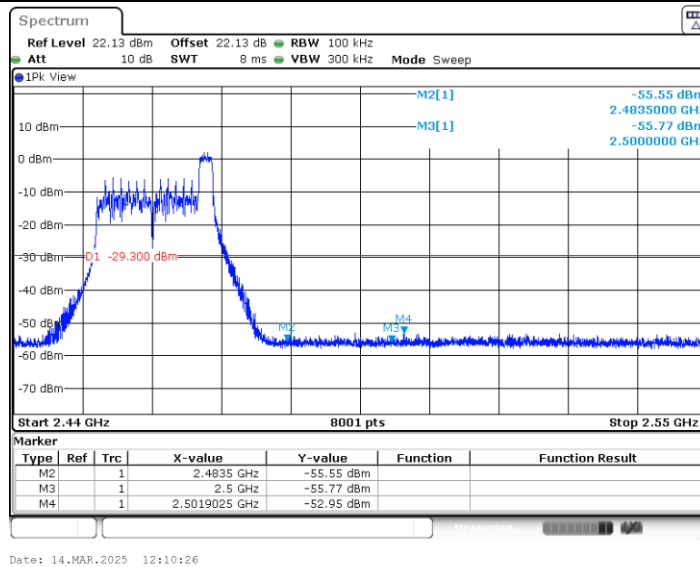




11AX20SISO_Ant2_Low_2412_106Tone_RU53

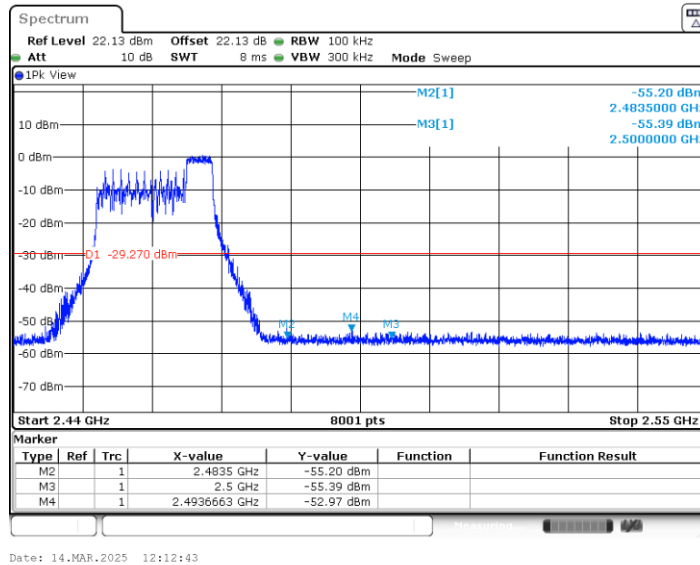


11AX20SISO_Ant2_High_2462_26Tone_RU8

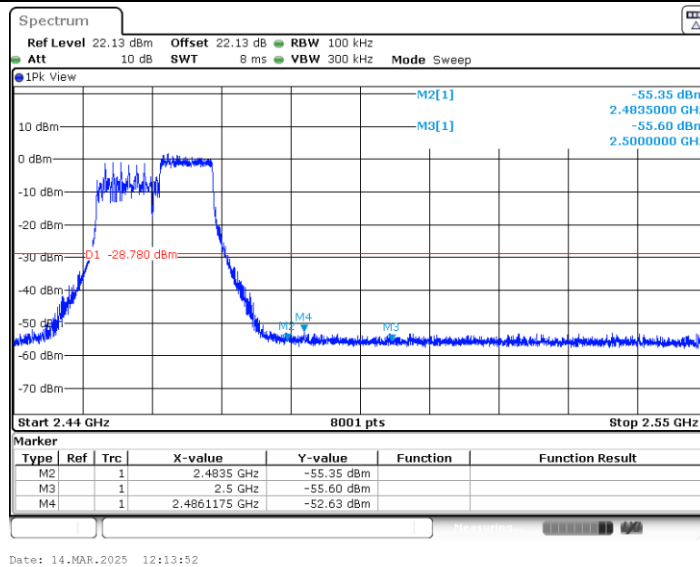


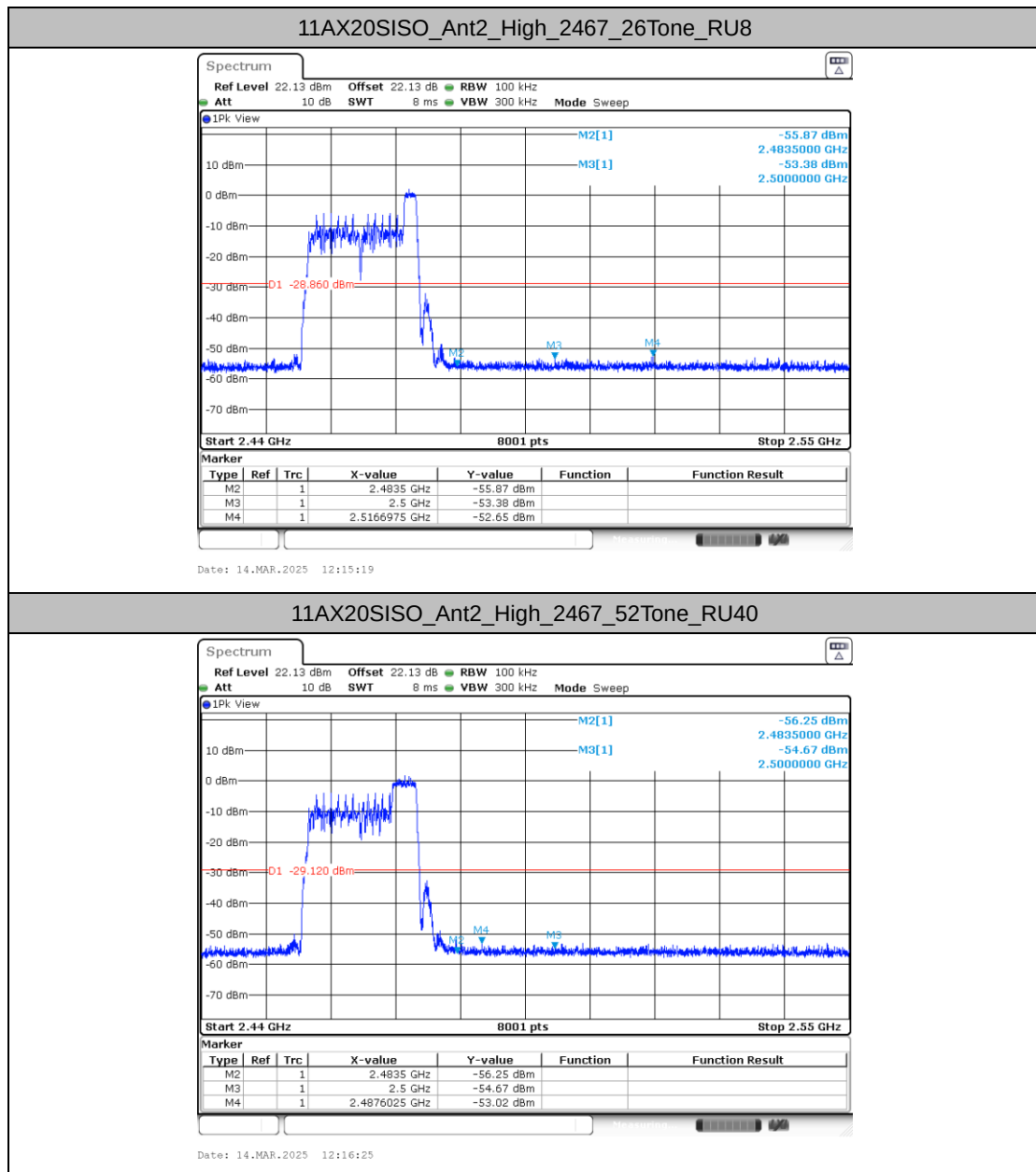


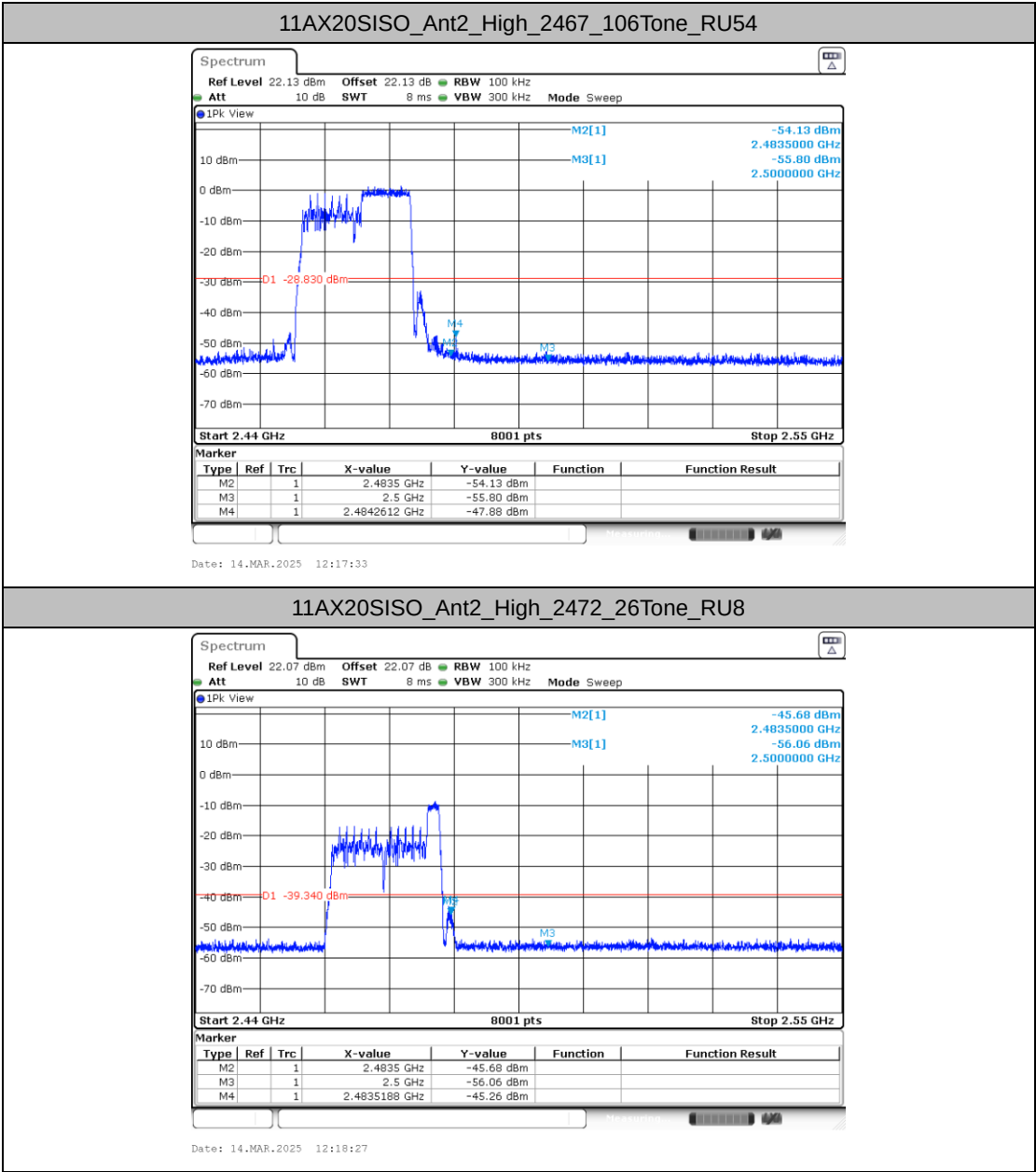
11AX20SISO_Ant2_High_2462_52Tone_RU40

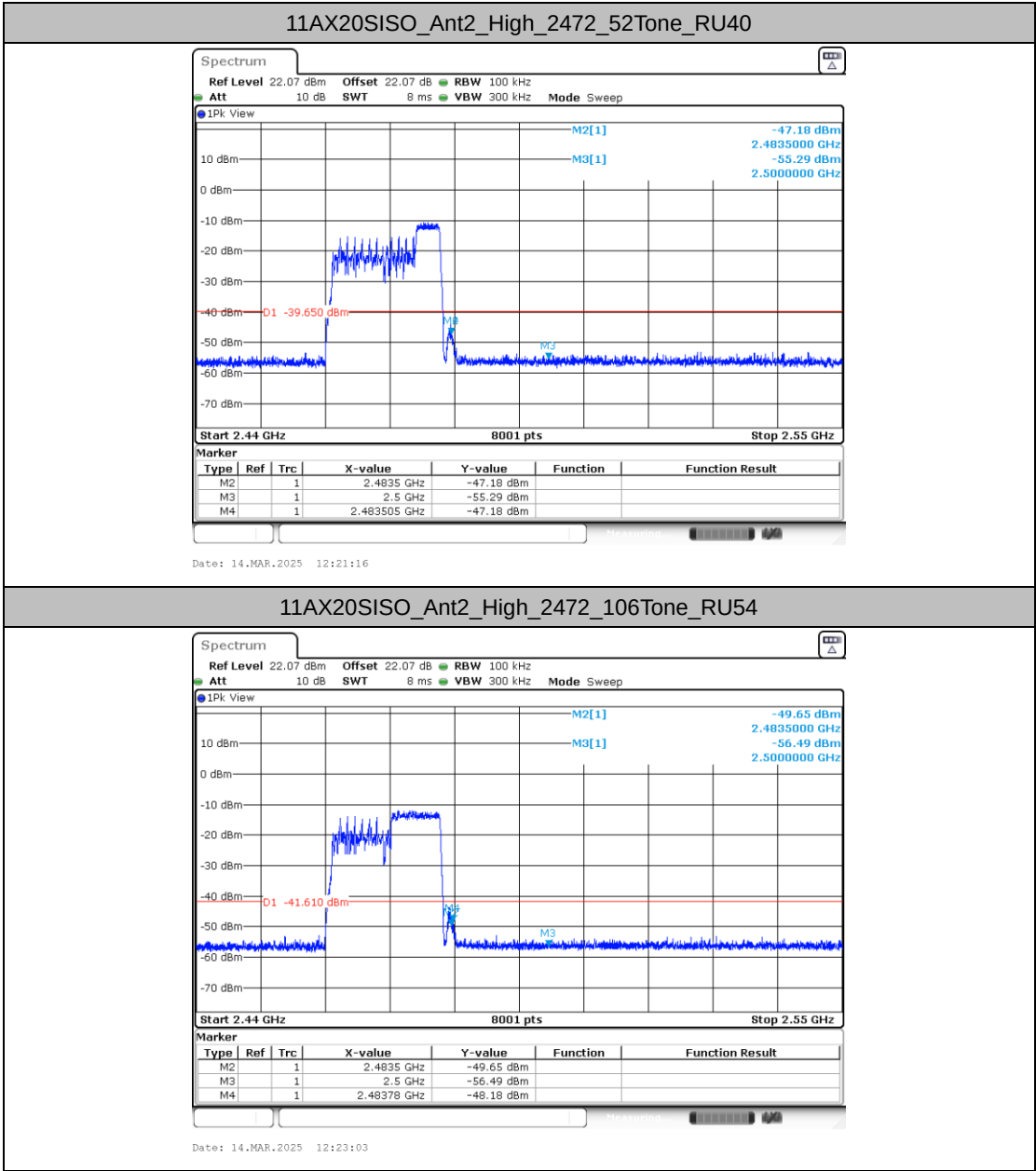


11AX20SISO_Ant2_High_2462_106Tone_RU54



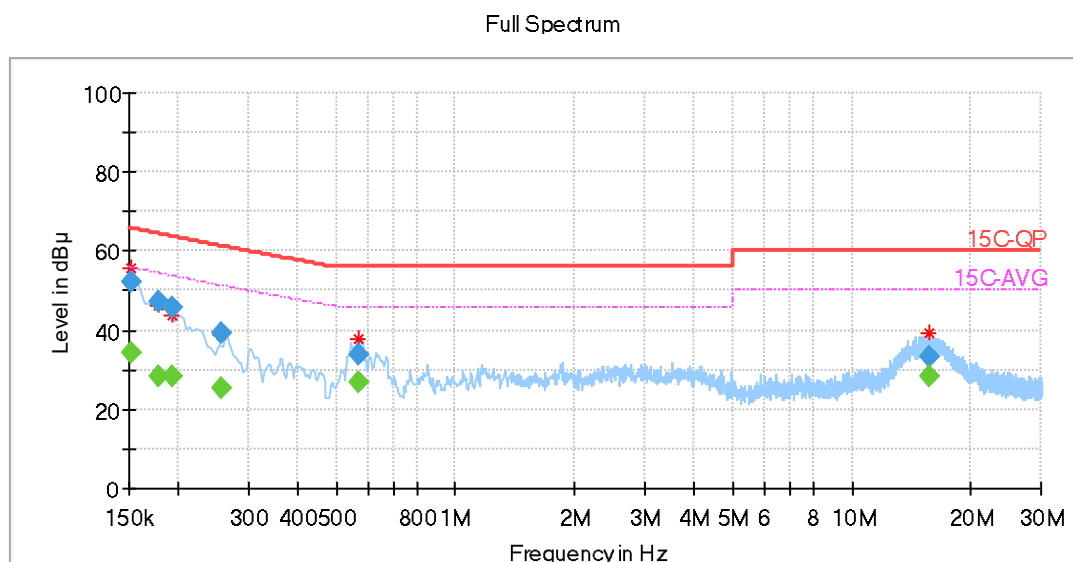






Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.46	55.86	21.41	L1	OFF	20.1
0.152250	52.13	---	65.87	13.73	L1	OFF	20.1
0.178312	---	28.48	54.44	25.96	L1	OFF	20.0
0.178312	47.09	---	64.46	17.37	L1	OFF	20.0
0.193238	---	28.11	53.73	25.62	L1	OFF	20.0
0.193238	45.61	---	63.76	18.15	L1	OFF	20.0
0.255188	---	25.28	51.34	26.07	L1	OFF	19.9
0.255188	39.40	---	61.38	21.98	L1	OFF	19.9
0.570094	---	26.77	46.00	19.23	L1	OFF	19.8
0.570094	33.91	---	56.00	22.09	L1	OFF	19.8
15.585469	---	28.30	50.00	21.70	L1	OFF	20.1
15.585469	33.18	---	60.00	26.82	L1	OFF	20.1